Hanwha Vision

CAMÉRA RÉSEAU

Manuel d'utilisation

XNV-6081Z/XNV-8081Z
XND-6081VZ/XND-8081VZ
XND-6081FZ/XND-8081FZ

CE

Caméra Réseau
Manuel d'utilisation

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❖ **La conception et les caractéristiques techniques sont susceptibles d'être modifiées sans préavis.**

❖ **L'ID initial de l'administrateur initi est "admin" et le mot de passe doit être défini lors de la première connexion.**
Veuillez changer votre mot de passe tous les trois mois afin de protéger les renseignements personnels sans risque et afin de prévenir les dommages du vol d'informations.
Veuillez prendre note que l'utilisateur est respondable de la sécurité et des autres problèmes causés par une mauvaise gestion du mot de passe.

INSTRUCTIONS IMPORTANTES RELATIVES À LA SÉCURITÉ

1. Veuillez lire ces instructions.
2. Conservez ces instructions.
3. Prêtez attention à tous les avertissements.
4. Veuillez suivre toutes les instructions.
5. N'utilisez pas cet appareil à proximité de l'eau.
6. Nettoyez la zone contaminée sur la surface du produit avec un chiffon doux et sec ou un chiffon humide. (Ne pas utiliser un détergent ou des produits cosmétiques contenant de l'alcool, des solvants et des tensioactifs ou des produits contenant du pétrole, car ils peuvent déformer ou endommager le produit.)
7. N'obstruez pas les ouvertures de ventilation. Procédez à l'installation conformément aux instructions du fabricant.
8. Ne pas installer l'appareil à proximité de sources de chaleur comme les radiateurs, les registres de chaleur et les autres appareils (incluant les amplificateurs) produisant de la chaleur.
9. Veillez à vous conformer aux sécurités des prises de terre et polarisées. Une prise dite polarisée est composée de deux fiches, une plus large que l'autre. Une prise de terre est composée de deux fiches et d'une troisième fiche pour la terre. La troisième fiche, plus large que les deux autres, est fournie pour votre sécurité. Si la prise qui vous est fournie ne correspond pas à votre prise murale, demandez à un électricien de remplacer la prise obsolète.
10. Veillez à ce que personne ne marche ou se prenne les pieds dans le cordon d'alimentation et particulièrement au niveau des fiches et des prises de courant et au niveau où ils se situent.
11. N'utilisez que des accessoires ou des produits additionnels spécifiés par le fabricant.
12. Utilisez uniquement un chariot, un socle, un trépied, un support ou une table recommandés par le fabricant ou vendus avec l'appareil. Si vous utilisez un chariot, déplacez le chariot transportant l'appareil avec précaution afin d'éviter les blessures que pourrait entraîner un basculement accidentel.



13. Débranchez cet appareil en cas d'orage ou de non-utilisation prolongée.
14. Veuillez faire appel au personnel qualifié pour tous travaux de maintenance. Les travaux de maintenance sont nécessaires si l'appareil a été endommagé de quelque manière que ce soit, comme cordon d'alimentation endommagé, liquide répandu, objets tombés sur l'appareil, appareil exposé à la pluie et à l'humidité, il ne fonctionne pas normalement ou est tombé par terre.
15. Ce produit est destiné à être alimenté par une unité d'alimentation répertoriée de « classe 2 » ou « LPS » et un courant nominal de 12 VDC, 0,7 A ou PoE, 0,27 A. (XND-6081FZ/XND-6081VZ)
16. Ce produit est destiné à être alimenté par une unité d'alimentation répertoriée de « classe 2 » ou « LPS » et un courant nominal de 12 VDC, 0,75 A ou PoE, 0,3 A. (XND-8081FZ/XND-8081VZ)
17. Ce produit est destiné à être alimenté par une unité d'alimentation répertoriée de « classe 2 » ou « LPS » et un courant nominal de 12 VDC, 0,8 A, 24 VAC, 0,8 A ,ou PoE, 0,3 A. (XNV-6081Z)
18. Ce produit est destiné à être alimenté par une unité d'alimentation répertoriée de « classe 2 » ou « LPS » et un courant nominal de 12 VDC, 0,85 A, 24 VAC, 0,9 A ,ou PoE, 0,33 A. (XNV-8081Z)
19. Si vous utilisez une force excessive lors de l'installation du produit, la caméra risque d'être endommagée et de ne pas fonctionner correctement.
    Si vous installez le produit à l'aide d'outils non conformes, le produit risque d'être endommagé.
20. Ne pas installer le produit dans un endroit où des substances chimiques ou des nuages d'huile existent ou peuvent être générés. Comme les huiles comestibles telles que l'huile de soja peuvent endommager ou déformer le produit, n'installez pas le produit dans la cuisine ou près de la table de cuisine.
    Cela peut endommager le produit.
21. Lors de l'installation du produit, veillez à ne pas laisser la surface du produit se colorer avec une substance chimique. Certains solvants chimiques tels que des produits de nettoyage ou des adhésifs peuvent causer de graves dommages à la surface du produit.
22. Si vous installez / désassemblez le produit d'une manière qui n'a pas été recommandée, les fonctions / performances de production peuvent ne pas être garanties.
    Installez le produit en vous référant à "Installation et connexion" dans le manuel d'utilisation.
23. L'installation ou l'utilisation du produit dans l'eau peut causer des dommages importants au produit.
24. Bien qu'un changement rapide de température puisse entraîner la formation de givre à l'intérieur du dôme, la vidéo ne posera aucun problème.

AVERTISSEMENT

AFIN DE RÉDUIRE LE RISQUE D'INCENDIE OU DE DÉCHARGE ÉLECTRIQUE, N'EXPOSEZ PAS CET APPAREIL À LA PLUIE NI À L'HUMIDITÉ. NE PAS INSÉRER D'OBJET MÉTALLIQUE PAR LES FENTES DE VENTILATION OU TOUTE AUTRE OUVERTURE SITUÉE SUR L'ÉQUIPEMENT.

Veillez à éviter toute projection de liquide sur l'appareil et ne placez jamais sur celui-ci des récipients contenant des liquides, tels que des vases.

Pour éviter les blessures, cet appareil doit être fermement fixé au mur/plafond conformément aux consignes d'installation.

ATTENTION



EXPLICATION DES SYMBOLES GRAPHIQUES



Le symbole de l'éclair se terminant par une flèche inscrit dans un triangle équilatéral sensibilise l'utilisateur à la présence d'une « tension élevée » au sein de l'unité, susceptible d'être suffisamment puissante pour présenter un risque de décharge électrique.



Le symbole de point d'exclamation inscrit dans un triangle équilatéral sensibilise l'utilisateur à la présence d'importantes instructions de fonctionnement et de maintenance (entretien et réparation) dans la documentation accompagnant l'appareil.

Catégorie de classe I

Un appareil appartenant à une catégorie de type CLASSE I doit être connecté à la prise murale secteur dotée d'une connexion de mise à la terre de protection.

Batterie

Les batteries (module batterie ou piles installées) ne doivent pas être exposées à des températures excessives, telles que la chaleur du soleil, le feu ou toute autre source de même type.

La batterie ne peut pas être remplacée.

Appareil déconnecté

Débranchez la prise principale de l'appareil si celui-ci est défectueux. Contactez un réparateur situé dans votre région.

Lorsque l'appareil est exploité hors des États-Unis, il est possible d'utiliser le code HAR pour recourir aux services d'une agence agréée.

ATTENTION

Les instructions d'entretien sont fournies à l'intention d'un personnel qualifié exclusivement. Pour réduire les risques de chocs électriques, ne procédez pas à des réparations autres que celles qui sont indiquées dans les instructions de fonctionnement, à moins que vous ne soyez qualifié pour ce faire.

Veuillez utiliser l'alimentation en entrée sur une seule caméra, les autres périphériques ne doivent pas être connectés.

L'ITE ne doit être connecté que sur un réseau PoE sans routage vers l'alimentation extérieure.

Veuillez lire attentivement les consignes de sécurité recommandées ci-après.

- Ne placez pas cet appareil sur une surface inégale.
- N'installez pas l'appareil sur une surface où il pourrait être exposé à la lumière directe du soleil ou situé à proximité d'un équipement de chauffage ou d'une zone exposée à un froid extrême.
- Ne placez pas cet appareil à proximité de matériaux conducteurs.
- N'essayez de réparer cet appareil vous-même.
- Évitez de placer un verre d'eau sur ce produit.
- N'installez pas le produit à proximité de sources magnétiques.
- Ne bloquez pas les ouvertures de ventilation.
- Ne placez pas d'éléments lourds sur le produit.
- Veuillez porter des gants de protection lors de l'installation / retrait de la caméra. La température élevée de la surface du produit peut causer une brûlure.

Le guide de l'utilisateur est un manuel d'instructions portant sur l'utilisation du produit.

La signification des indications fournies dans le manuel est comme suit.

- Référence : Dans le cas de la fourniture d'informations pour aider à l'utilisation du produit.
- Notification : En cas de risques d'endommagement du produit et de blessures à l'utilisateur provoqués par le non respect des instructions fournies.

※ Veuillez lire ce manuel et notamment les passages liés à la sécurité du produit, et gardez-le en lieu sûr.

Dans certains environnements d'installation, les communications radio peuvent subir des interférences.
Lorsque des interférences d'ondes électromagnétiques se produisent entre le produit et l'appareil de communication radio, il est recommandé de garder une certaine distance entre les deux ou de changer la direction de l'antenne de réception.

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SPÉCIFICATIONS PC RECOMMANDÉES

- CPU : Intel(R) Core(TM) i7 3.4 GHz ou supérieur
- RAM : 8G ou supérieur
- Système d'exploitation pris en charge : MS Windows, Mac OS X
- Navigateur recommandé : Google Chrome
  Navigateurs pris en charge : MS Explorer, MS Edge, Mozilla Firefox (Windows 64 bits uniquement), Apple Safari (Mac OSX uniquement)

※ Veuillez consulter l'annexe pour obtenir des informations détaillées sur le système d'exploitation et les navigateurs vérifiés.

CARACTÉRISTIQUES RECOMMANDÉES POUR LA CARTE MÉMOIRE MICRO SD/SDHC/SDXC

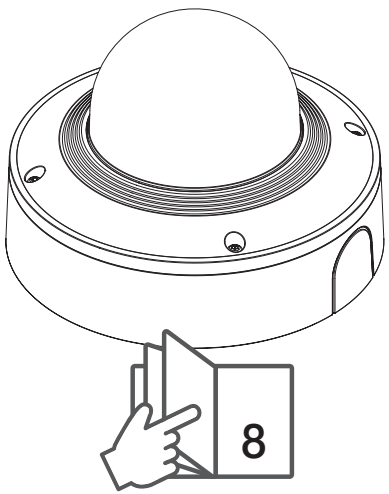
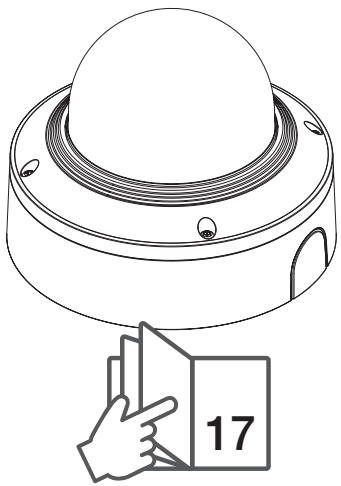
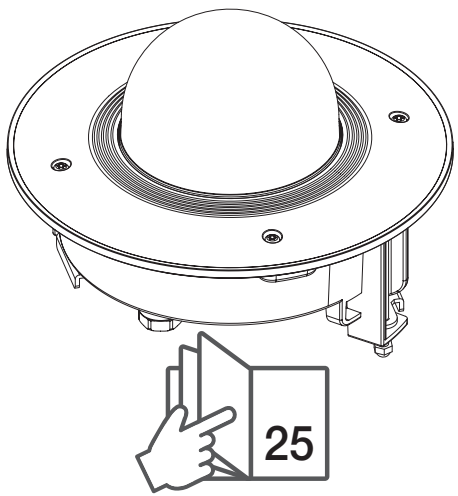
- Capacité recommandée : 16 Go à 256 Go (type MLC)
- Les types de cartes mémoire suivants des fabricants suivants sont recommandés pour cette caméra.
  - Fabricant : SanDisk, Transcend
  - Famille de produit : High endurance

NAS — INDICATIONS DU FABRICANT

- Capacité recommandée : On recommande 200GO ou plus.
- Accès simultané : Un appareil NAS peut accepter un maximum de seize accès de caméra.
- Pour cette caméra-ci, il est recommandé d'utiliser un NAS respectant les indications suivantes.

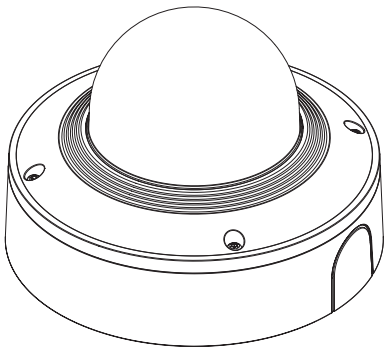
Produits recommandés	Grandeurs disponibles
NAS QNAP	Le nombre maximum de caméras pouvant avoir accès simultanément est de 16.
NAS Synology	Le nombre maximum de caméras pouvant avoir accès simultanément est de 16.

▪ Si vous utilisez de l'équipement NAS à des fins autres que de la sauvegarde vidéo, le nombre de caméras accessibles peut diminuer.

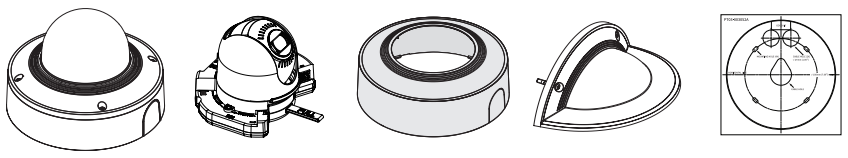
Dôme anti-vandalisme extérieur XNV-6081Z/XNV-8081Z	Dôme anti-vandalisme intérieur XND-6081VZ/XND-8081VZ	Dôme affleurant XND-6081FZ/XND-8081FZ
		

CONTENU

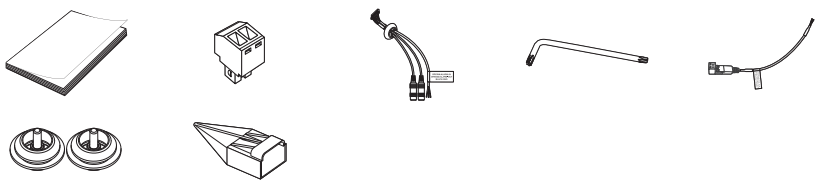
l'accessoire varie selon le pays de vente.



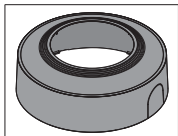
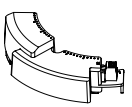
<XNV-6081Z/XNV-8081Z>



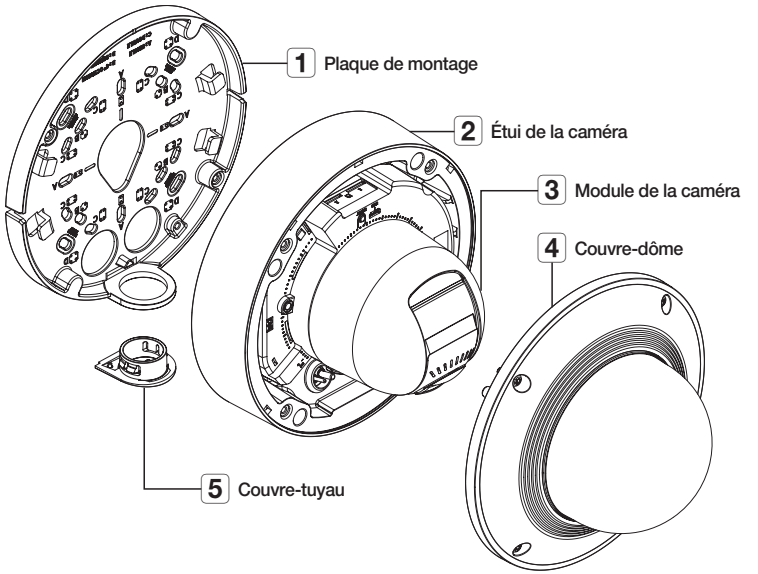
Couleur : Ivoire

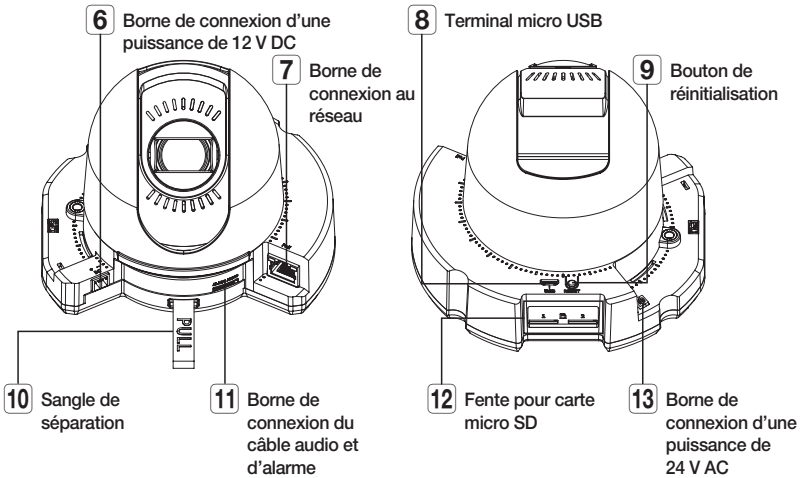


Option (vendu séparément)

	
SBC-180B (Couleur : Noir)	SPC-100AC

D'UN COUP D'ŒIL





INSTALLATION

- Cette caméra est étanche et en conformité avec les spécifications de la norme IP67 / IP66, mais la prise jack connectée au câble externe ne l'est pas. Il est recommandé d'installer ce produit sous l'avant-toit afin d'éviter que le câble ne soit exposé.

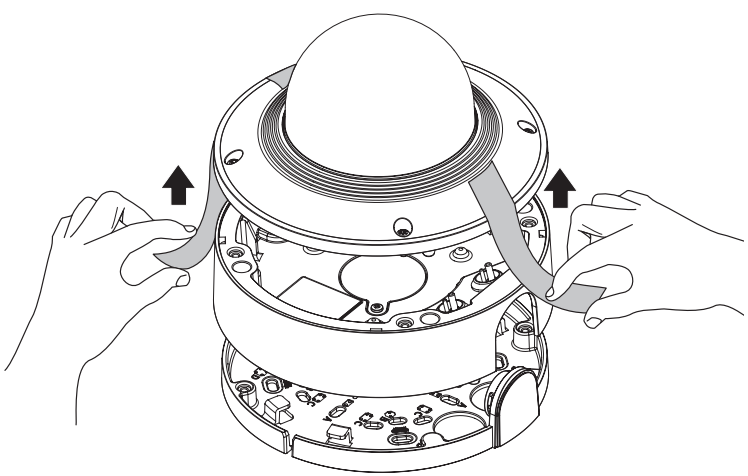
Précautions à prendre avant l'installation

Assurez-vous de bien lire les instructions suivantes avant d'installer la caméra.

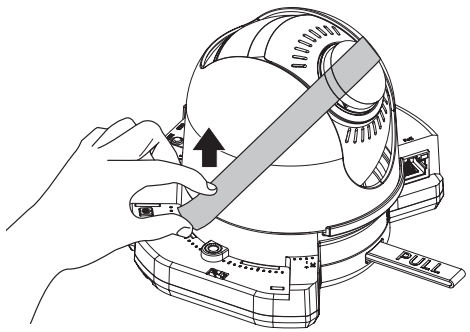
- Sélectionner un lieu d'installation qui peut supporter au moins 5 fois le poids de la caméra.
- L'utilisation de câbles recollés ou effilochés peut endommager le produit et provoquer un incendie.
- Pour des raisons de sécurité, ne laissez personne d'autre que vous sur le site de l'installation. Ne laissez pas vos effets personnels sur le site, par mesure de précaution.
- Si le produit est installé avec une force excessive, cela risque d'endommager la caméra en raison d'un dysfonctionnement.
  Forcer l'assemblage à l'aide d'outils non conformes peut endommager le produit.

Suppression

1. Décollez le ruban adhésif fixant le boîtier de la caméra.

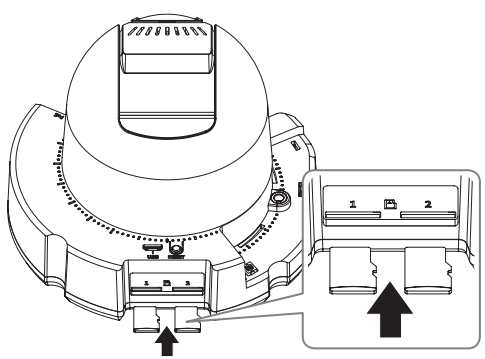


2. Décollez le ruban adhésif fixé sur le module de caméra.



Insertion d'une carte mémoire Micro SD

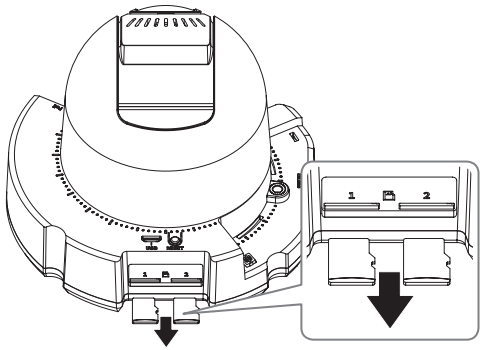
Faites glisser la carte micro SD dans le connecteur micro SD du module de caméra dans le sens de la flèche.



- Avant d'installer la caméra, vous devez insérer la carte mémoire micro SD pendant que la source d'alimentation et le boîtier sont séparés.
- N'essayez pas de l'insérer en force dans la direction opposée, car cela pourrait endommager votre carte Micro SD ainsi que votre produit.
- En cas de pluie ou lorsque le taux d'humidité est élevé, l'insertion ou l'éjection d'une carte Micro SD n'est pas recommandée.
- Lors de l'installation/retrait de la carte mémoire micro SD, faites bien attention de mettre le produit à plat sur le sol avant de travailler dessus afin d'éviter des accidents dûs à une chute ou perte de pièces.

Retrait d'une carte mémoire Micro SD

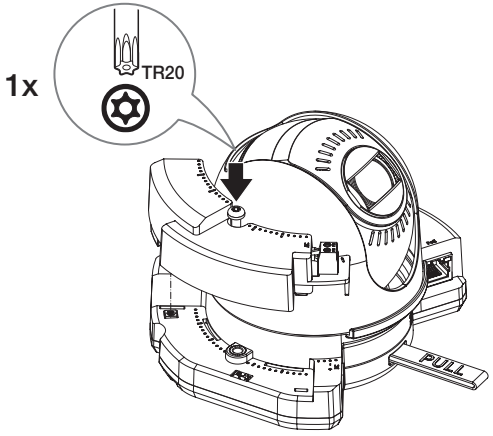
Appuyer doucement vers le bas sur l'extrémité exposée de la carte mémoire comme indiqué dans le diagramme pour éjecter la carte mémoire de la fente.



- Veuillez noter que si vous appuyez fermement et relâchez la carte mémoire Micro SD quand elle est éjectée, elle peut sortir.
- Avant de retirer la carte mémoire Micro SD, dans <**Stockage**>, réglez le dispositif sur <**Désativé**> et appuyez sur le bouton [**Appliquer**], puis mettez la caméra hors tension.
- Si vous arrêtez la caméra ou retirez la carte mémoire Micro SD qui contient les données du produit, ces données peuvent être perdues ou endommagées.

Installation du module AC (vendu séparément) : SPC-100AC)

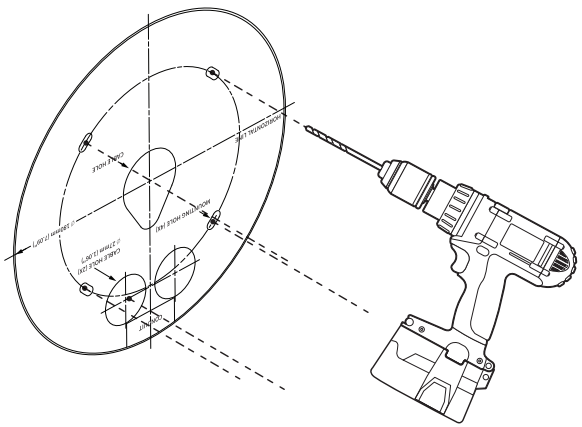
1. Installez le module AC comme indiqué sur la figure.
2. Serrez la vis avec la clé hexagonale.



Installation (plaque de montage)

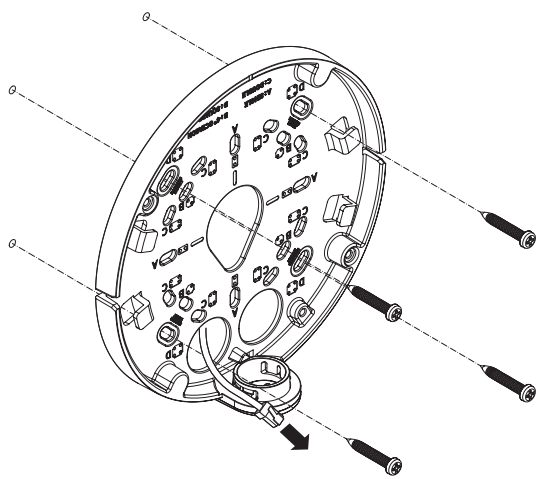
[Installation directe sur mur/plafond]

1-1. Fixez le gabarit d'installation sur la surface souhaitée et percez des trous pour les vis et les câbles.



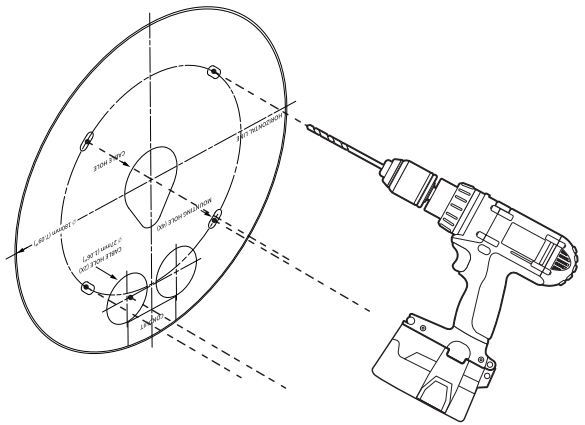
1-2. Fixez la plaque de montage avec les vis appropriées.

1-3. Tirez les câbles nécessaires entre les câbles LAN/d'alimentation/audio et d'alarme à travers le trou de la plaque de montage.

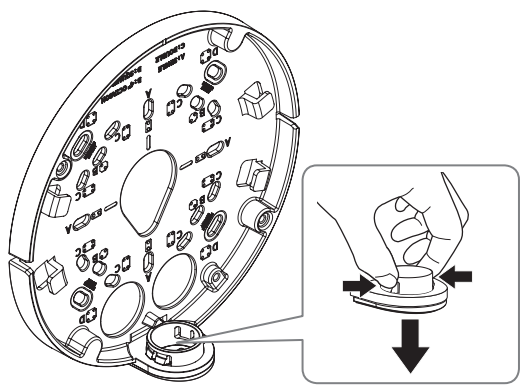


[Installation du tuyau utilisé]

2-1. Fixez le gabarit d'installation et percez des trous pour les vis et les câbles.



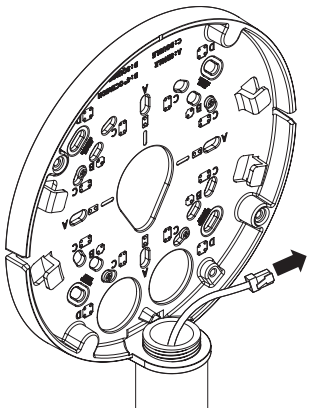
2-2. Séparez le couvre-tuyau de la plaque de montage en appuyant sur ses côtés.



2-3. Placez le tuyau sur la plaque de montage.

2-4. Fixez la plaque de montage avec les vis appropriées.

2-5. Tirez les câbles nécessaires entre les câbles LAN/d'alimentation/audio et d'alarme à travers le tuyau.



Installation (boîtier de la caméra)

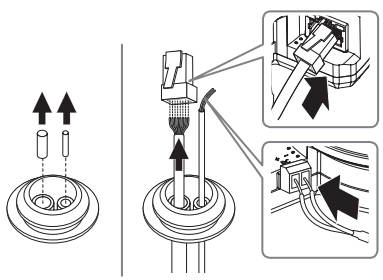
- Utilisez une douille de câble compatible avec le câble LAN à connecter.
  - Corps principal de la caméra : utilisez un câble d'un diamètre compris entre Ø5 et 6,5
  - Composants : utilisez un câble d'un diamètre compris entre Ø5 et 8,5

[Installation de câbles LAN/d'alimentation]

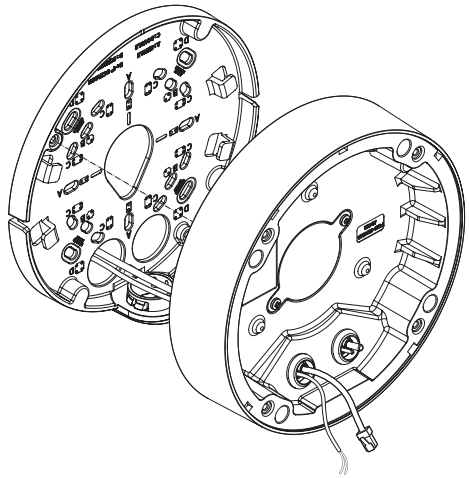
1-1. Retirez les parties extrudées de la douille à utiliser.

1-2. Faites passer le câble LAN dans le grand trou de la douille et branchez-le au connecteur LAN.

1-3. (Lors de l'utilisation de l'alimentation) Faites passer le câble d'alimentation dans le petit trou de la douille et branchez-le au bornier fourni.



1-4. Montez la douille sur le boîtier de la caméra.

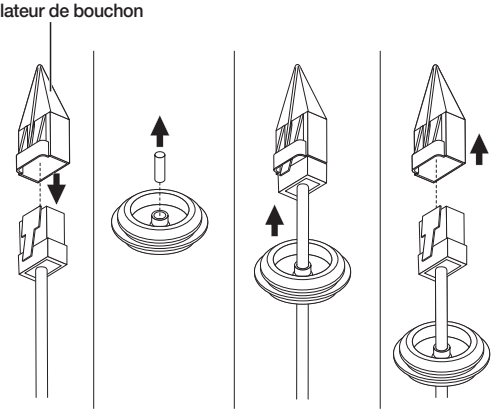


[Installation du câble LAN] (IP66)

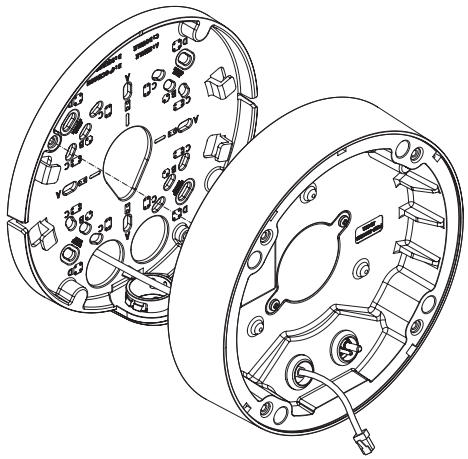
2-1. Retirez la partie extrudée de la douille à 1 trou fournie.

2-2. Utilisez l'installateur de bouchon pour le passage à travers le câble RJ45.

Installateur de bouchon

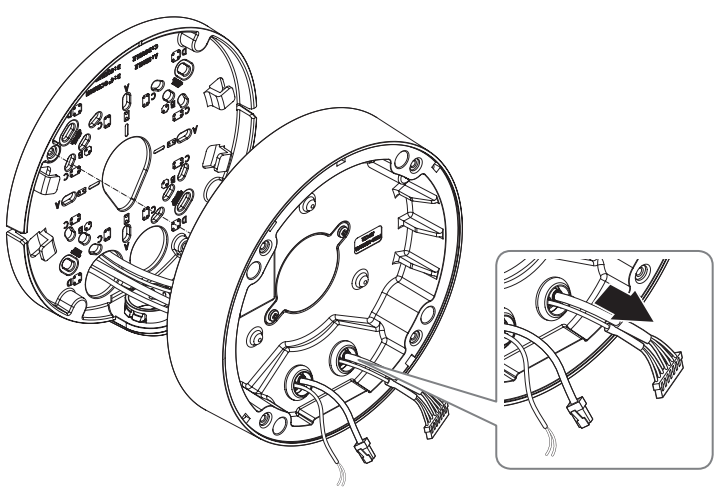


2-3. Montez la douille sur le boîtier de la caméra.

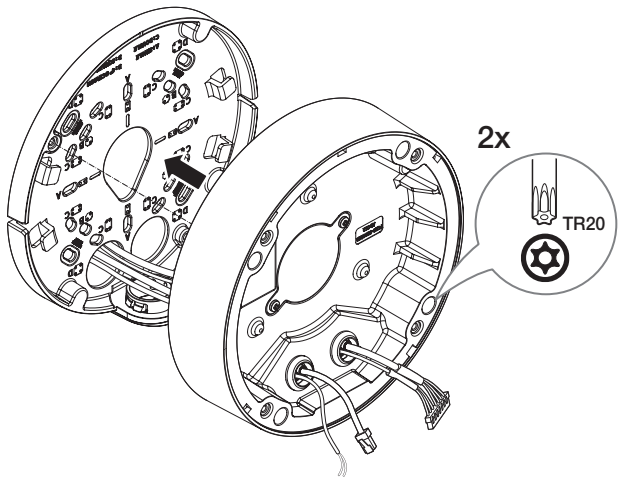


[Installation des câbles audio et d'alarme]

3-1. Montez la douille des câbles audio et d'alarme fournis sur le boîtier de la caméra.



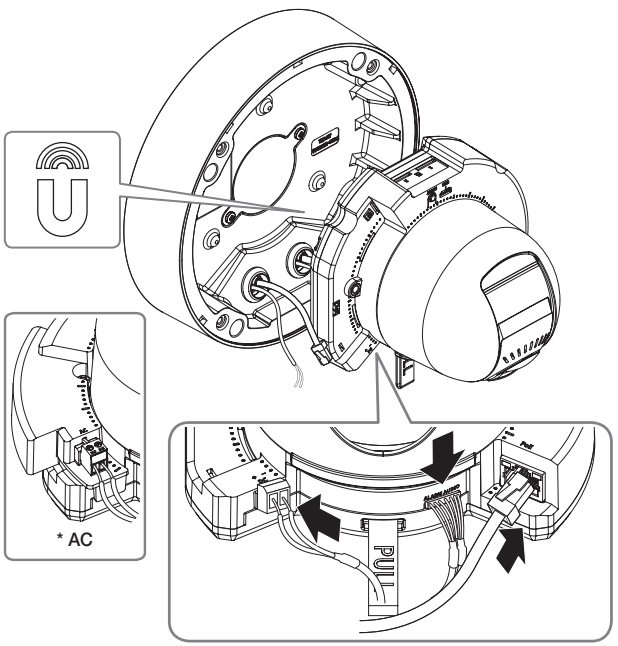
4. Reliez la plaque de montage au boîtier de la caméra.



Installation du module de caméra

1. Connectez les câbles LAN/d'alimentation/audio et d'alarme à la borne du module de caméra.
2. Fixez le module de caméra au boîtier.

- Un aimant est intégré au bas du module.
- Veillez à ne pas laisser de corps étrangers entre les surfaces de fixation.



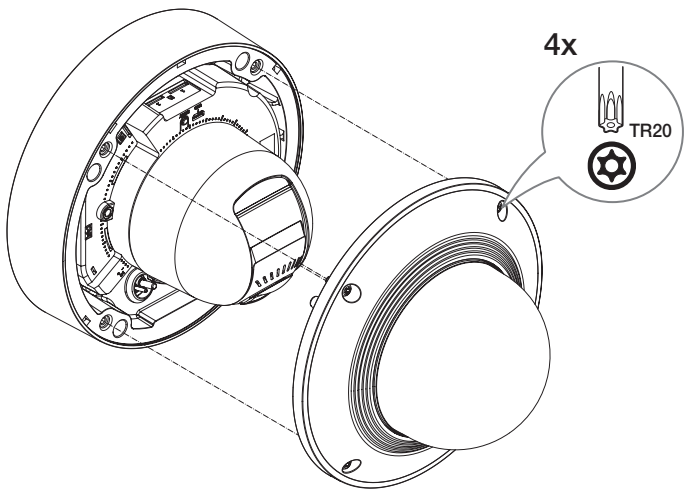
3. Ajustez l'objectif dans la direction souhaitée en vous reportant à la section « **Réglage de l'orientation de la caméra de surveillance** ». (page 33)

Assemblage du couvercle du dôme

[Installation directe sur mur/plafond]

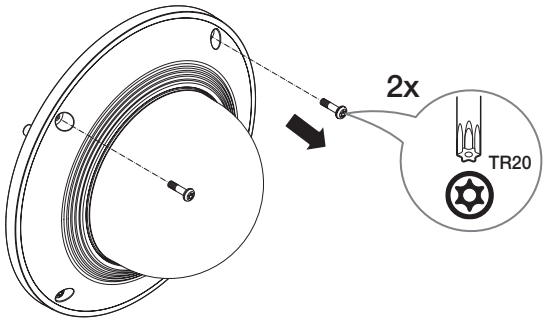
1. Montez le couvercle du dôme.

- Assurez-vous de bien serrer les vis de fixation avec la clé hexagonale de manière à éviter tout dommage dû à une infiltration d'eau.



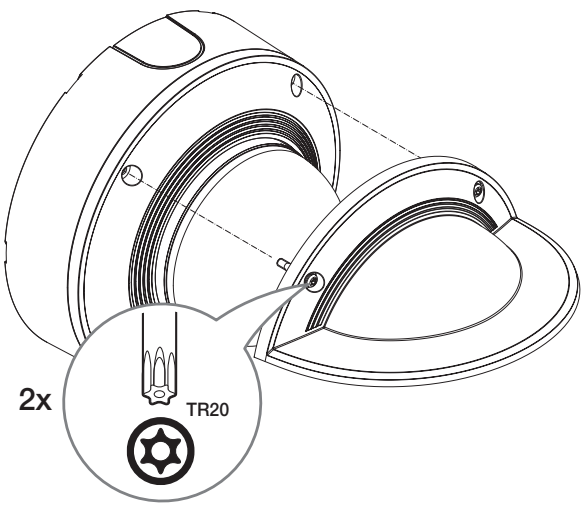
[Utilisation du bouchon d'étanchéité]

1. Retirez les vis du couvercle du dôme.



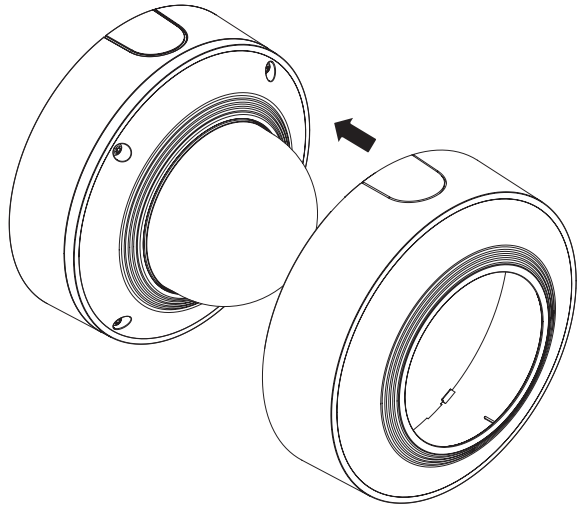
2. Montez le couvercle du dôme.
3. Montez le cache étanche sur le couvercle du dôme et serrez les vis.

- Assurez-vous de bien serrer les vis de fixation avec la clé hexagonale de manière à éviter tout dommage dû à une infiltration d'eau.

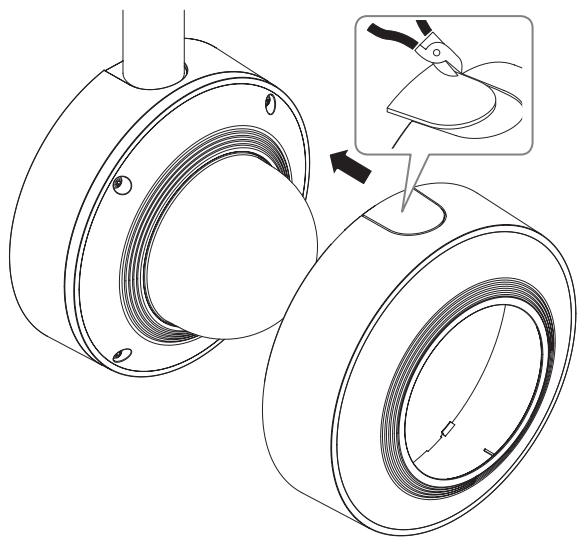


Application/retrait du couvercle de protection

1. Placez le couvercle de protection en alignement avec le couvercle du tuyau.

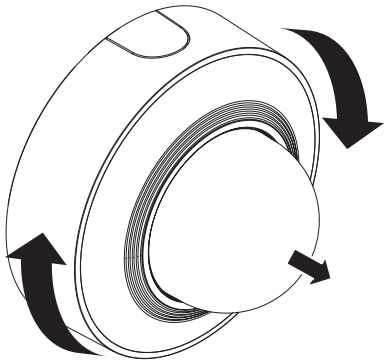


2. Pour une caméra connectée à un tuyau, retirez d'abord le cache-tuyau du couvercle de protection avant de le mettre en place.

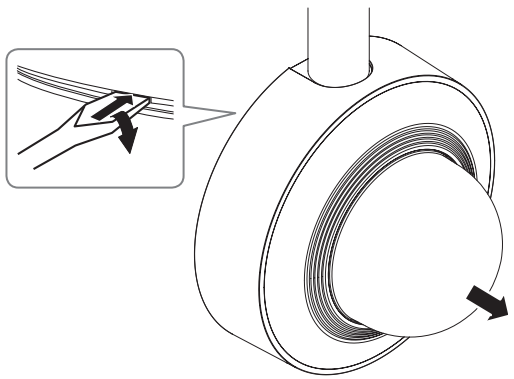


3. Pour retirer le couvercle de protection, tirez-le en le faisant tourner dans le sens horaire, comme indiqué sur la figure.

- Une installation et un retrait répétés du couvercle de protection peuvent le déformer.
- L'installation et le retrait du couvercle de protection avec une force excessive peuvent provoquer des rayures sur la surface du produit.



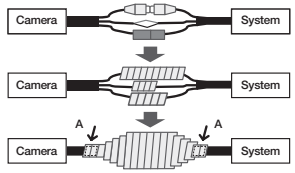
- Lorsqu'un tuyau est raccordé, libérez-le à l'aide d'un outil approprié.



Installation extérieure

Lorsque vous l'installez en dehors d'un bâtiment, rendez-le étanche à l'aide de ruban en caoutchouc butylique (qui peut être acheté dans un magasin), de sorte que l'eau ne coule pas depuis le câble connecté à l'extérieur.

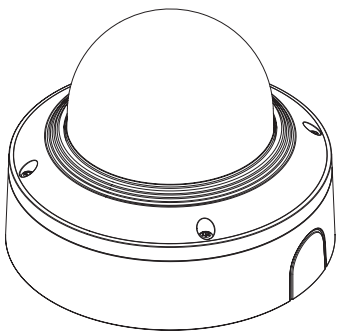
1. Connectez les câbles d'alimentation, E/S et LAN.
2. Enroulez la gaine du câble noir (zone A) et la zone de connexion du câble à l'aide de ruban étanche (en caoutchouc butylique), de sorte que plus de la moitié du ruban est chevauchée.



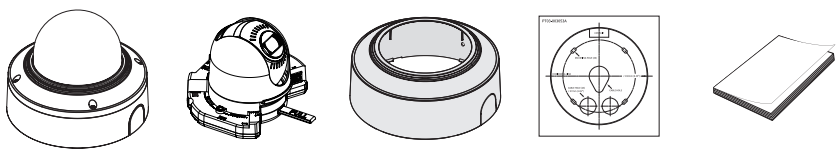
- Si la gaine du câble noir n'est pas correctement rendue étanche, elle peut directement provoquer une fuite. Assurez-vous de protéger le câble avec une large épaisseur de ruban.
- Le ruban étanche en caoutchouc butylique est fait de caoutchouc butylique qui peut être étendu jusqu'au double de sa longueur normale.

CONTENU

l'accessoire varie selon le pays de vente.



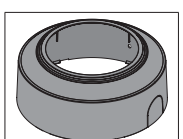
<XND-6081VZ/XND-8081VZ>



Couleur : Ivoire

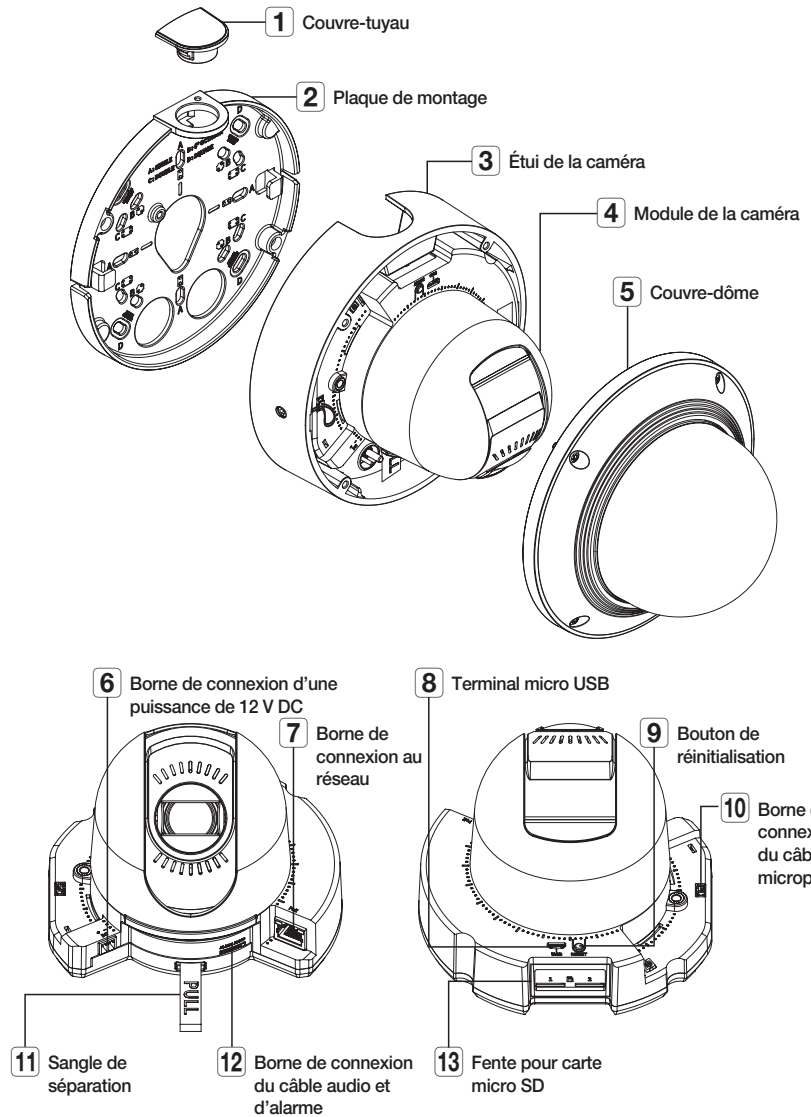


Option (vendu séparément)



SBC-160B
(Couleur : Noir)

D'UN COUP D'ŒIL



INSTALLATION

- Cette caméra est étanche et en conformité avec les spécifications de la norme IP52, mais la prise jack connectée au câble externe ne l'est pas. Il est recommandé d'installer ce produit sous l'avant-toit afin d'éviter que le câble ne soit exposé.

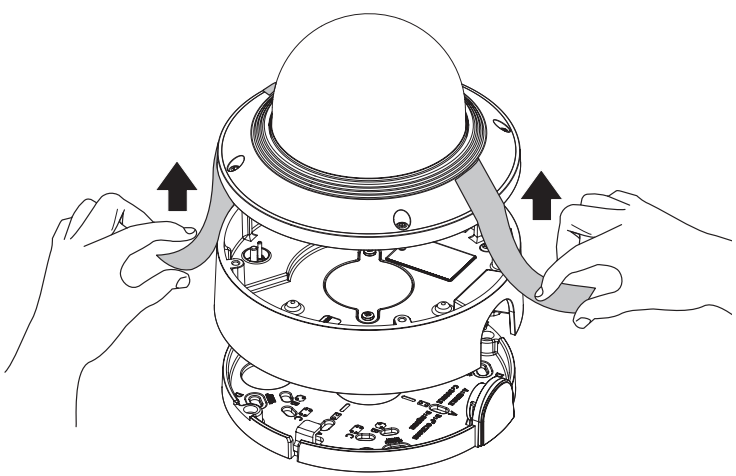
Précautions à prendre avant l'installation

Assurez-vous de bien lire les instructions suivantes avant d'installer la caméra.

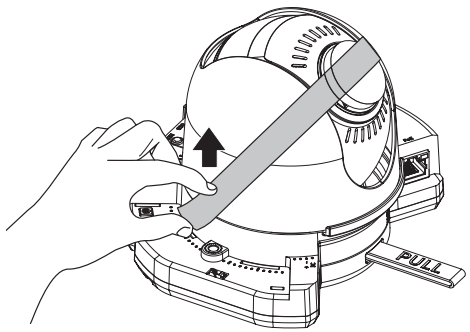
- Sélectionner un lieu d'installation qui peut supporter au moins 5 fois le poids de la caméra.
- L'utilisation de câbles recollés ou effilochés peut endommager le produit et provoquer un incendie.
- Pour des raisons de sécurité, ne laissez personne d'autre que vous sur le site de l'installation. Ne laissez pas vos effets personnels sur le site, par mesure de précaution.
- Si le produit est installé avec une force excessive, cela risque d'endommager la caméra en raison d'un dysfonctionnement. Forcer l'assemblage à l'aide d'outils non conformes peut endommager le produit.

Suppression

1. Décollez le ruban adhésif fixant le boîtier de la caméra.

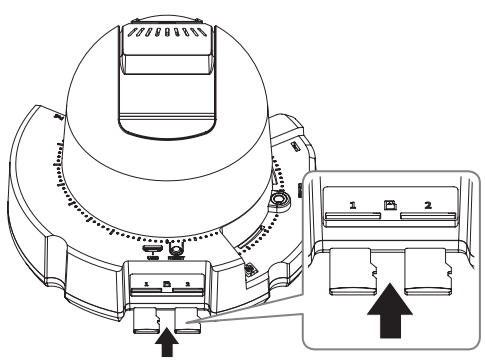


2. Décollez le ruban adhésif fixé sur le module de caméra.



Insertion d'une carte mémoire Micro SD

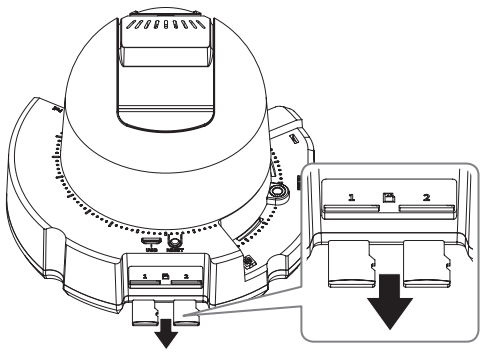
Faites glisser la carte micro SD dans le connecteur micro SD du module de caméra dans le sens de la flèche.



- Avant d'installer la caméra, vous devez insérer la carte mémoire micro SD pendant que la source d'alimentation et le boîtier sont séparés.
- N'essayez pas de l'insérer en force dans la direction opposée, car cela pourrait endommager votre carte Micro SD ainsi que votre produit.
- En cas de pluie ou lorsque le taux d'humidité est élevé, l'insertion ou l'éjection d'une carte Micro SD n'est pas recommandée.
- Lors de l'installation/retrait de la carte mémoire micro SD, faites bien attention de mettre le produit à plat sur le sol avant de travailler dessus afin d'éviter des accidents dûs à une chute ou perte de pièces.

Retrait d'une carte mémoire Micro SD

Appuyer doucement vers le bas sur l'extrémité exposée de la carte mémoire comme indiqué dans le diagramme pour éjecter la carte mémoire de la fente.

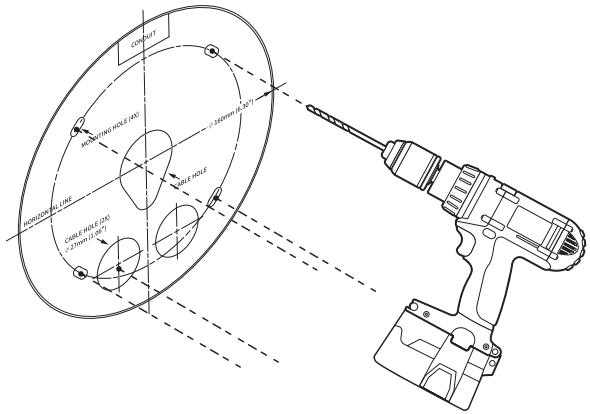


- Veuillez noter que si vous appuyez fermement et relâchez la carte mémoire Micro SD quand elle est éjectée, elle peut sortir.
- Avant de retirer la carte mémoire Micro SD, dans <**Stockage**>, réglez le dispositif sur <**Désativé**> et appuyez sur le bouton [**Appliquer**], puis mettez la caméra hors tension.
- Si vous arrêtez la caméra ou retirez la carte mémoire Micro SD qui contient les données du produit, ces données peuvent être perdues ou endommagées.

Installation (plaque de montage)

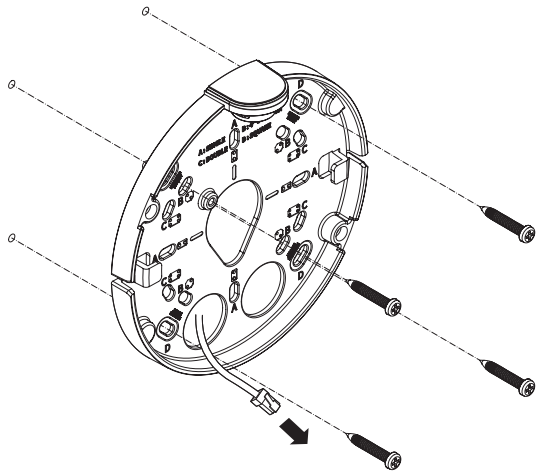
[Installation directe sur mur/plafond]

1-1. Fixez le gabarit d'installation sur la surface souhaitée et percez des trous pour les vis et les câbles.



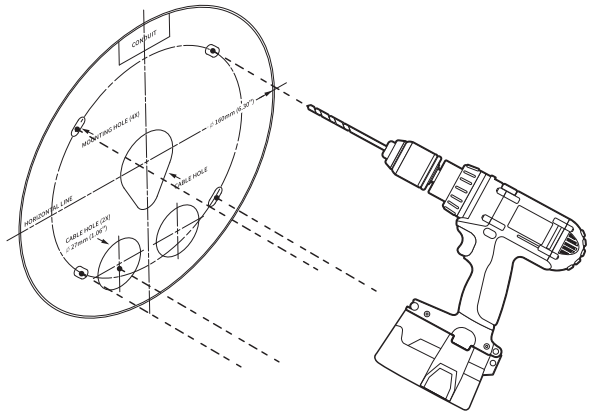
1-2. Fixez la plaque de montage avec les vis appropriées.

1-3. Tirez les câbles nécessaires entre les câbles LAN/d'alimentation/audio et d'alarme à travers le trou de la plaque de montage.

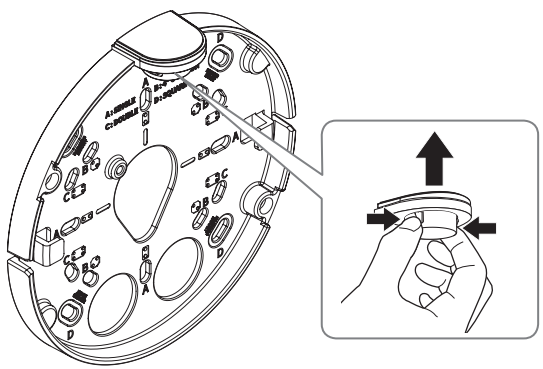


[Installation du tuyau utilisé]

2-1. Fixez le gabarit d'installation et percez des trous pour les vis et les câbles.



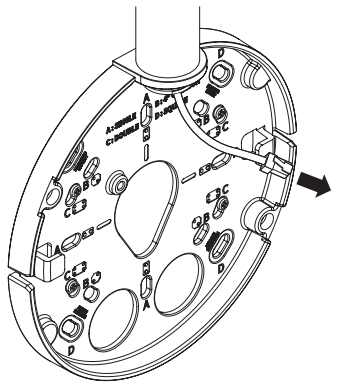
2-2. Séparez le couvre-tuyau de la plaque de montage en appuyant sur ses côtés.



2-3. Placez le tuyau sur la plaque de montage.

2-4. Fixez la plaque de montage avec les vis appropriées.

2-5. Tirez les câbles nécessaires entre les câbles LAN/d'alimentation/audio et d'alarme à travers le tuyau.



Installation (boîtier de la caméra)

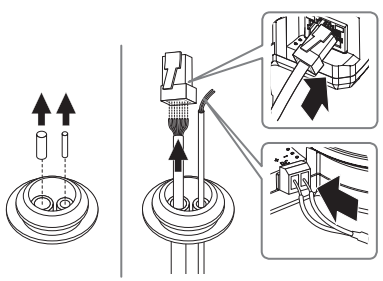
- Utilisez une douille de câble compatible avec le câble LAN à connecter.
  - Corps principal de la caméra : utilisez un câble d'un diamètre compris entre Ø5 et 6,5
  - Composants : utilisez un câble d'un diamètre compris entre Ø5 et 8,5

[Installation de câbles LAN/d'alimentation]

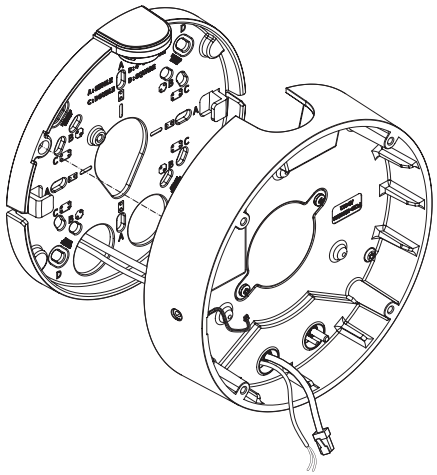
1-1. Retirez les parties extrudées de la douille à utiliser.

1-2. Faites passer le câble LAN dans le grand trou de la douille et branchez-le au connecteur LAN.

1-3. (Lors de l'utilisation de l'alimentation) Faites passer le câble d'alimentation dans le petit trou de la douille et branchez-le au bornier fourni.



1-4. Montez la douille sur le boîtier de la caméra.

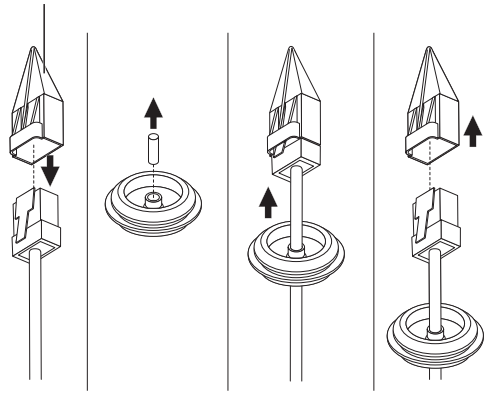


[Installation du câble LAN]

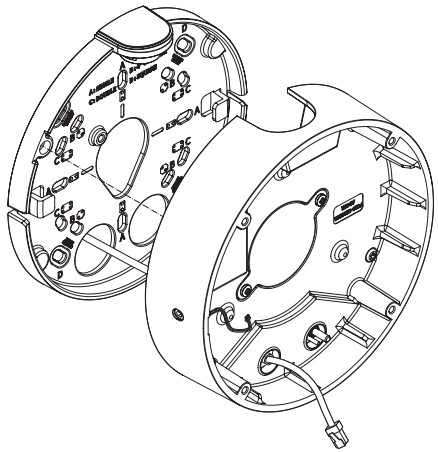
2-1. Retirez la partie extrudée de la douille à 1 trou fournie.

2-2. Utilisez l'installateur de bouchon pour le passage à travers le câble RJ45.

Installateur de bouchon

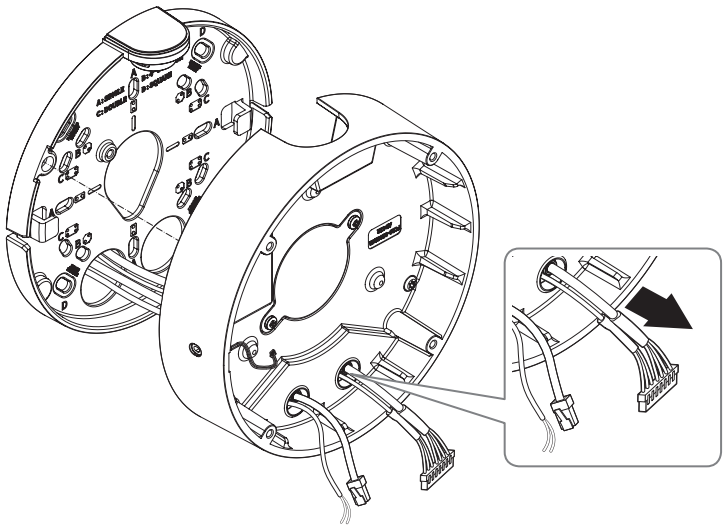


2-3. Montez la douille sur le boîtier de la caméra.

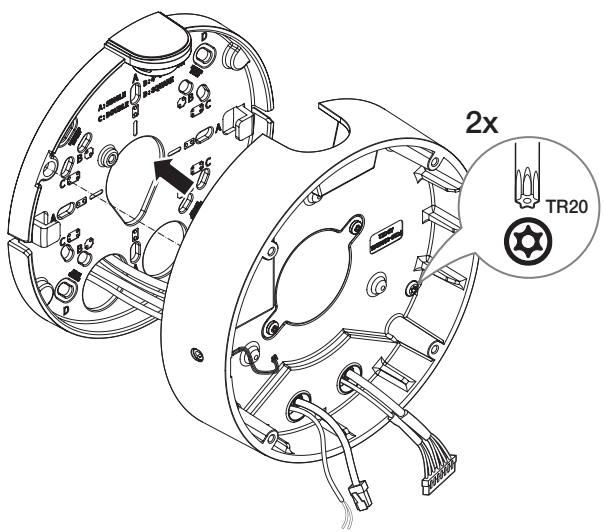


[Installation des câbles audio et d'alarme]

3-1. Montez la douille des câbles audio et d'alarme fournis sur le boîtier de la caméra.



4. Reliez la plaque de montage au boîtier de la caméra.



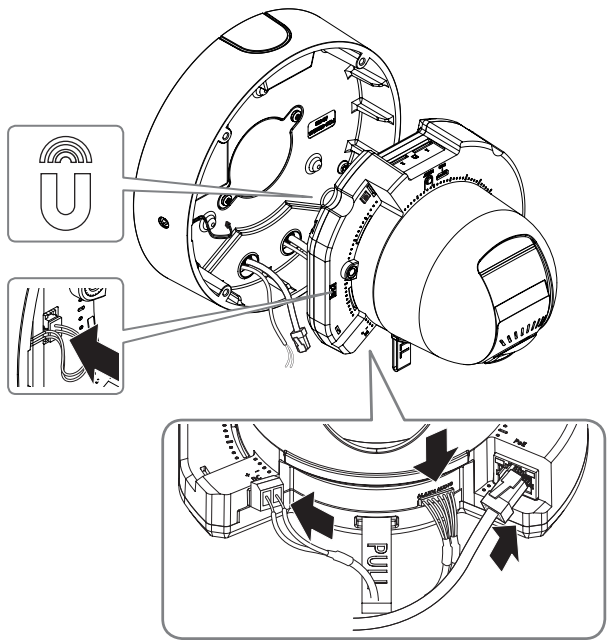
Installation du module de caméra

1. Connectez les câbles LAN/d'alimentation/audio et d'alarme à la borne du module de caméra.

2. Fixez le module de caméra au boîtier.

- Un aimant est intégré au bas du module.
- Veillez à ne pas laisser de corps étrangers entre les surfaces de fixation.

3. Branchez le câble du microphone au module de caméra.



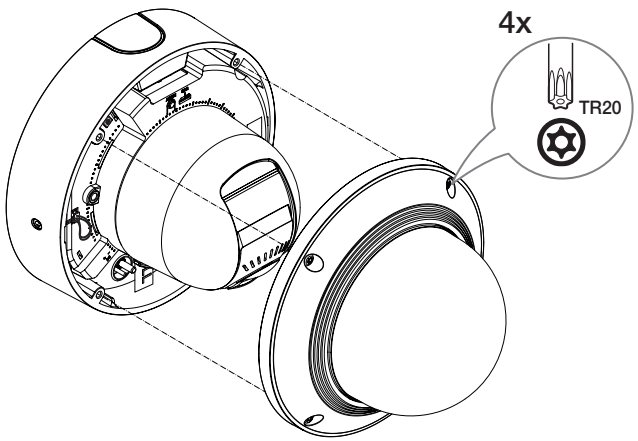
4. Ajustez l'objectif dans la direction souhaitée en vous reportant à la section « **Réglage de l'orientation de la caméra de surveillance** ». (page 33)

Assemblage du couvercle du dôme

[Installation directe sur mur/plafond]

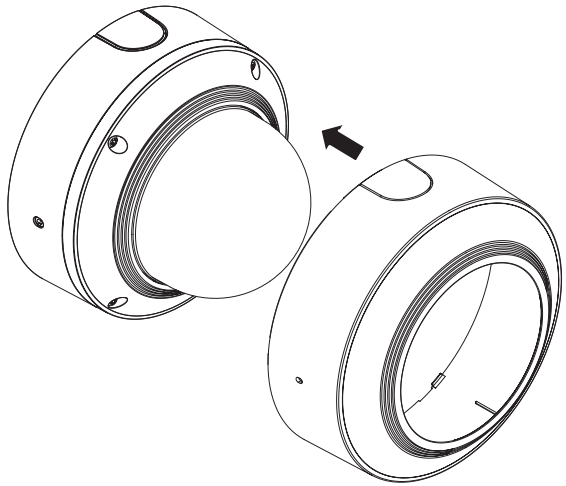
1. Montez le couvercle du dôme.

- Assurez-vous de bien serrer les vis de fixation avec la clé hexagonale de manière à éviter tout dommage dû à une infiltration d'eau.

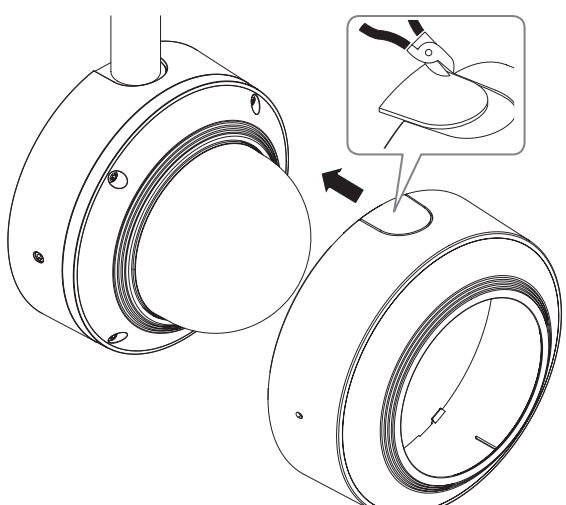


Application/retrait du couvercle de protection

1. Placez le couvercle de protection en alignement avec le couvercle du tuyau.

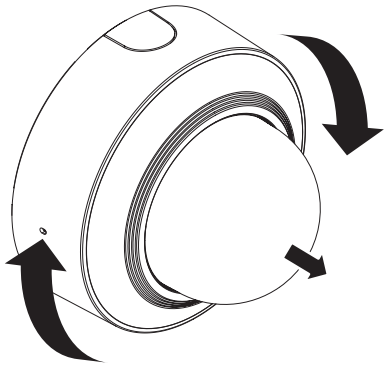


2. Pour une caméra connectée à un tuyau, retirez d'abord le cache-tuyau du couvercle de protection avant de le mettre en place.

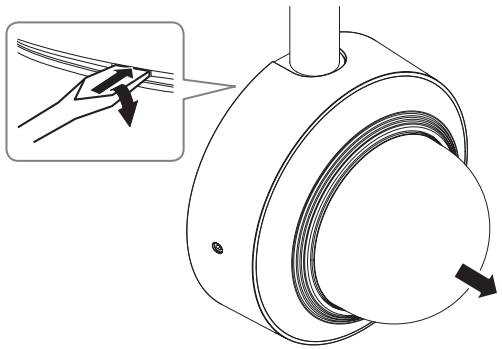


3. Pour retirer le couvercle de protection, tirez-le en le faisant tourner dans le sens horaire, comme indiqué sur la figure.

- Une installation et un retrait répétés du couvercle de protection peuvent le déformer.
- L'installation et le retrait du couvercle de protection avec une force excessive peuvent provoquer des rayures sur la surface du produit.



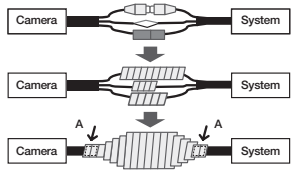
- Lorsqu'un tuyau est raccordé, libérez-le à l'aide d'un outil approprié.



Installation extérieure

Lorsque vous l'installez en dehors d'un bâtiment, rendez-le étanche à l'aide de ruban en caoutchouc butylique (qui peut être acheté dans un magasin), de sorte que l'eau ne coule pas depuis le câble connecté à l'extérieur.

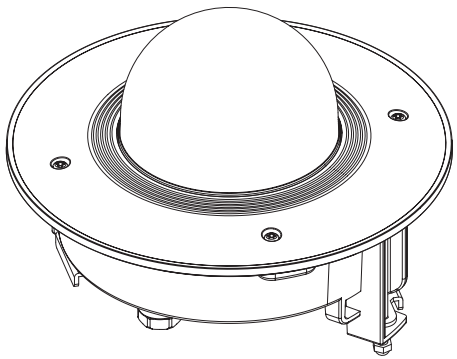
1. Connectez les câbles d'alimentation, E/S et LAN.
2. Enroulez la gaine du câble noir (zone A) et la zone de connexion du câble à l'aide de ruban étanche (en caoutchouc butylique), de sorte que plus de la moitié du ruban est chevauchée.



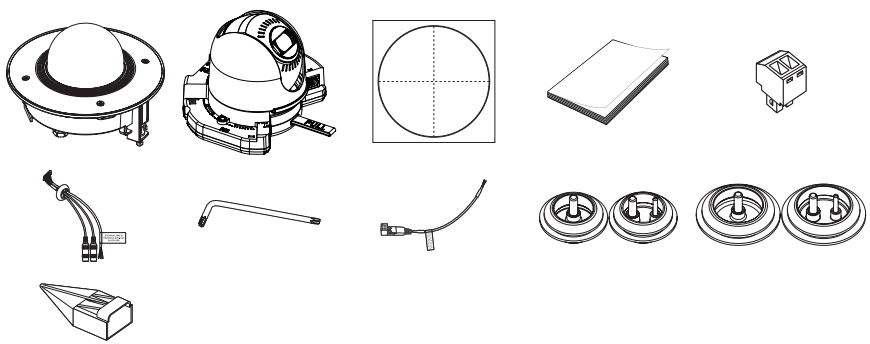
- Si la gaine du câble noir n'est pas correctement rendue étanche, elle peut directement provoquer une fuite. Assurez-vous de protéger le câble avec une large épaisseur de ruban.
- Le ruban étanche en caoutchouc butylique est fait de caoutchouc butylique qui peut être étendu jusqu'au double de sa longueur normale.

CONTENU

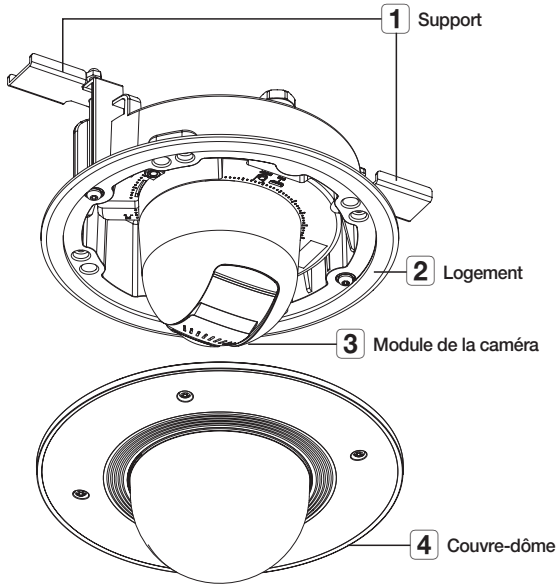
l'accessoire varie selon le pays de vente.

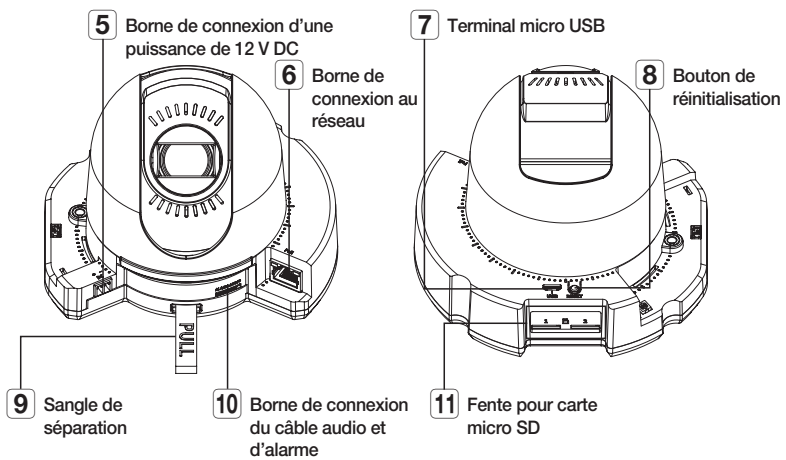


<XND-6081FZ/XND-8081FZ>



D'UN COUP D'ŒIL





INSTALLATION

- Cette caméra est étanche et en conformité avec les spécifications de la norme IP52, mais la prise jack connectée au câble externe ne l'est pas. Il est recommandé d'installer ce produit sous l'avant-toit afin d'éviter que le câble ne soit exposé.

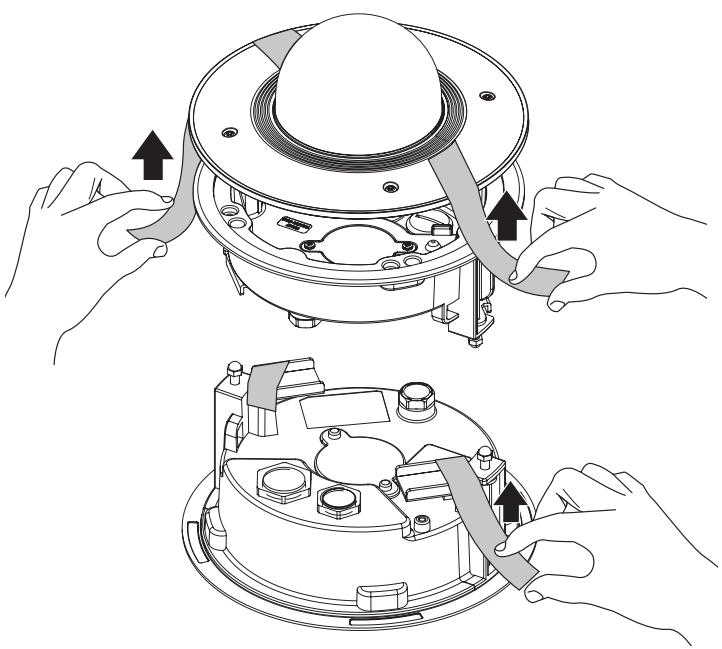
Précautions à prendre avant l'installation

Assurez-vous de bien lire les instructions suivantes avant d'installer la caméra.

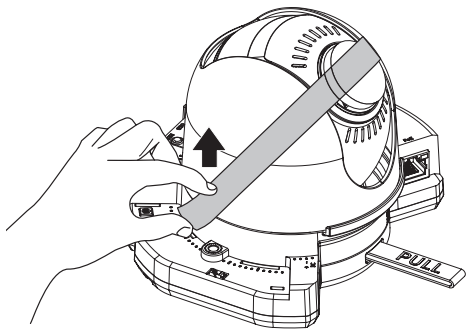
- Sélectionner un lieu d'installation qui peut supporter au moins 5 fois le poids de la caméra.
- L'utilisation de câbles recollés ou effilochés peut endommager le produit et provoquer un incendie.
- Pour des raisons de sécurité, ne laissez personne d'autre que vous sur le site de l'installation. Ne laissez pas vos effets personnels sur le site, par mesure de précaution.
- Si le produit est installé avec une force excessive, cela risque d'endommager la caméra en raison d'un dysfonctionnement.
  Forcer l'assemblage à l'aide d'outils non conformes peut endommager le produit.

Suppression

1. Décollez le ruban adhésif fixant le boîtier de la caméra.

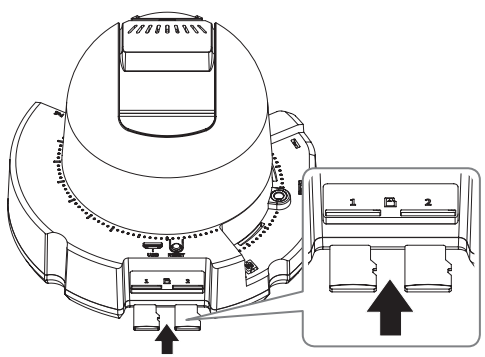


2. Décollez le ruban adhésif fixé sur le module de caméra.



Insertion d'une carte mémoire Micro SD

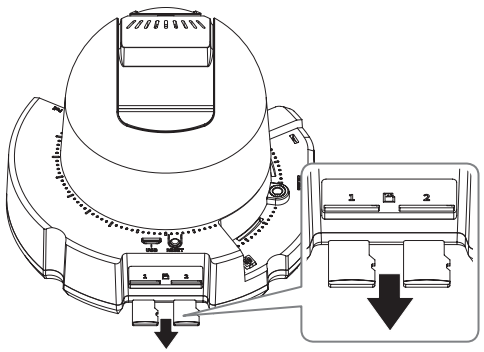
Faites glisser la carte micro SD dans le connecteur micro SD du module de caméra dans le sens de la flèche.



- Avant d'installer la caméra, vous devez insérer la carte mémoire micro SD pendant que la source d'alimentation et le boîtier sont séparés.
- N'essayez pas de l'insérer en force dans la direction opposée, car cela pourrait endommager votre carte Micro SD ainsi que votre produit.
- En cas de pluie ou lorsque le taux d'humidité est élevé, l'insertion ou l'éjection d'une carte Micro SD n'est pas recommandée.
- Lors de l'installation/retrait de la carte mémoire micro SD, faites bien attention de mettre le produit à plat sur le sol avant de travailler dessus afin d'éviter des accidents dûs à une chute ou perte de pièces.

Retrait d'une carte mémoire Micro SD

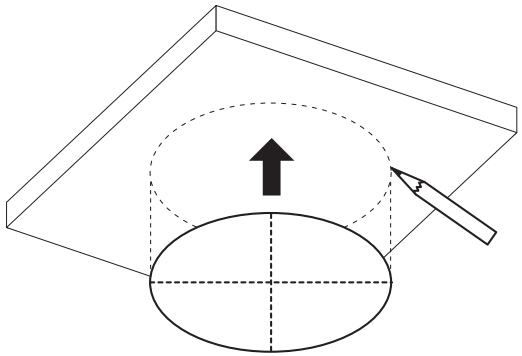
Appuyer doucement vers le bas sur l'extrémité exposée de la carte mémoire comme indiqué dans le diagramme pour éjecter la carte mémoire de la fente.

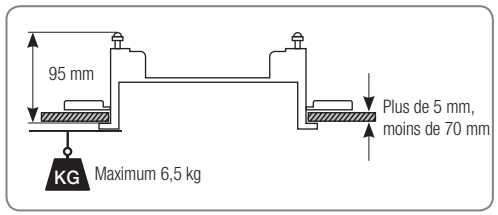


- Veuillez noter que si vous appuyez fermement et relâchez la carte mémoire Micro SD quand elle est éjectée, elle peut sortir.
- Avant de retirer la carte mémoire Micro SD, dans <**Stockage**>, réglez le dispositif sur <**Désativé**> et appuyez sur le bouton [**Appliquer**], puis mettez la caméra hors tension.
- Si vous arrêtez la caméra ou retirez la carte mémoire Micro SD qui contient les données du produit, ces données peuvent être perdues ou endommagées.

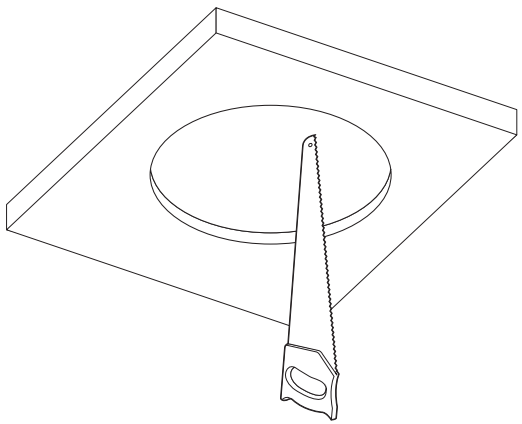
Installation (logement)

1. Fixez le gabarit d'installation au plafond et marquez son emplacement avec un crayon.





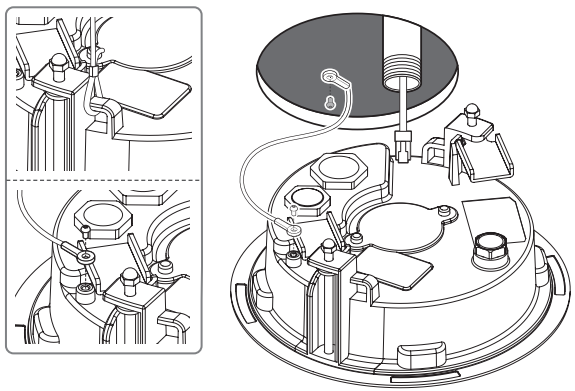
2. Fixez le gabarit d'installation et percez les trous.



3. Raccordez le câble de sécurité.

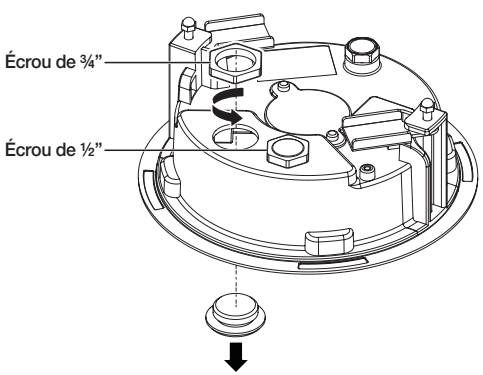
- Câble de sécurité non fourni.

par ex.

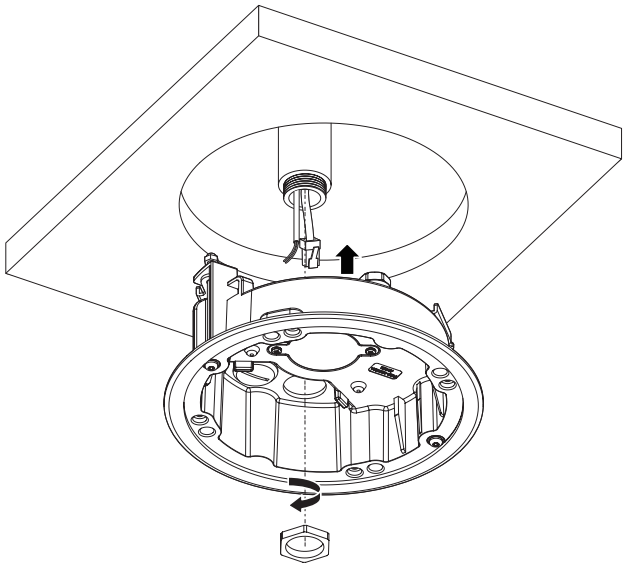


[Utilisation du tuyau]

4-1. Installez le tuyau dans un trou de raccord.



4-2. Tirez les câbles nécessaires entre les câbles LAN/d'alimentation/audio et d'alarme à travers le tuyau.



Installation (boîtier de la caméra)

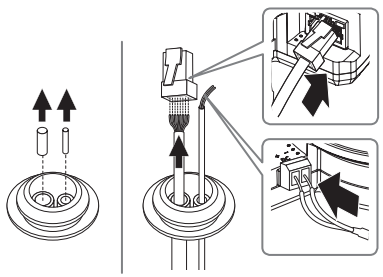
- Utilisez une douille de câble compatible avec le câble LAN à connecter.
  - Composants : utilisez un câble d'un diamètre compris entre Ø5 et 8,5

[Installation de câbles LAN/d'alimentation]

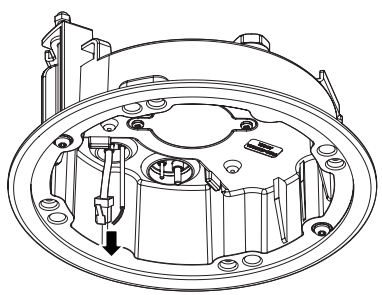
1-1. Retirez les parties extrudées de la douille à utiliser.

1-2. Faites passer le câble LAN dans le grand trou de la douille et branchez-le au connecteur LAN.

1-3. (Lors de l'utilisation de l'alimentation) Faites passer le câble d'alimentation dans le petit trou de la douille et branchez-le au bornier fourni.



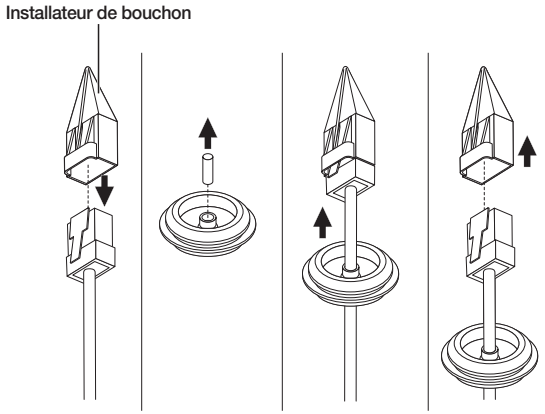
1-4. Montez la douille sur le boîtier.



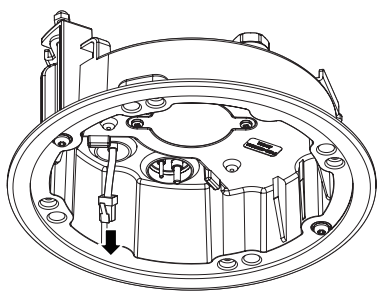
[Installation du câble LAN]

2-1. Retirez la partie extrudée de la douille à 1 trou fournie.

2-2. Utilisez l'installateur de bouchon pour le passage à travers le câble RJ45.

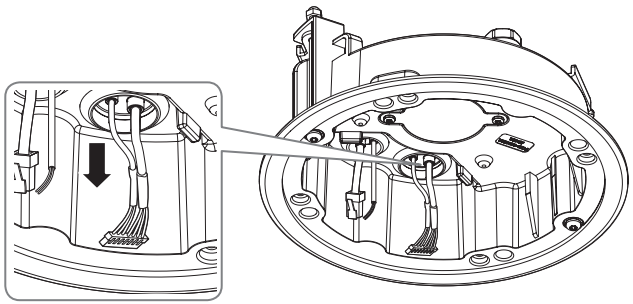


2-3. Montez la douille sur le boîtier.



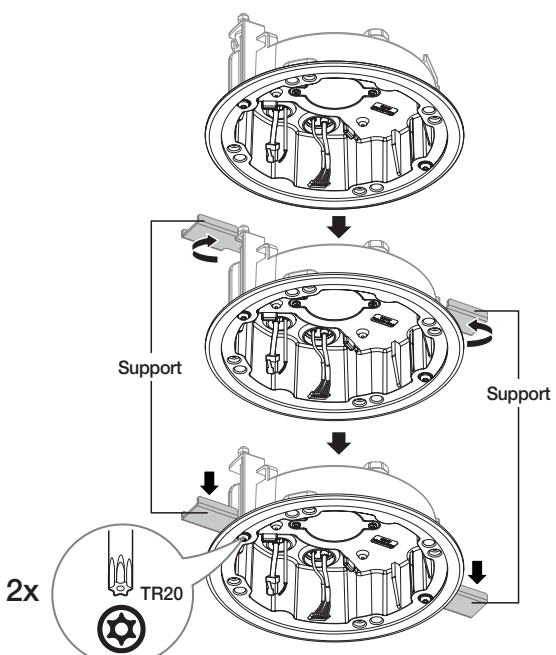
[Installation des câbles audio et d'alarme]

3-1. Montez la douille des câbles audio et d'alarme fournis sur le boîtier de la caméra.



4. Tournez les vis sur le boîtier pour fixer ce dernier au plafond.

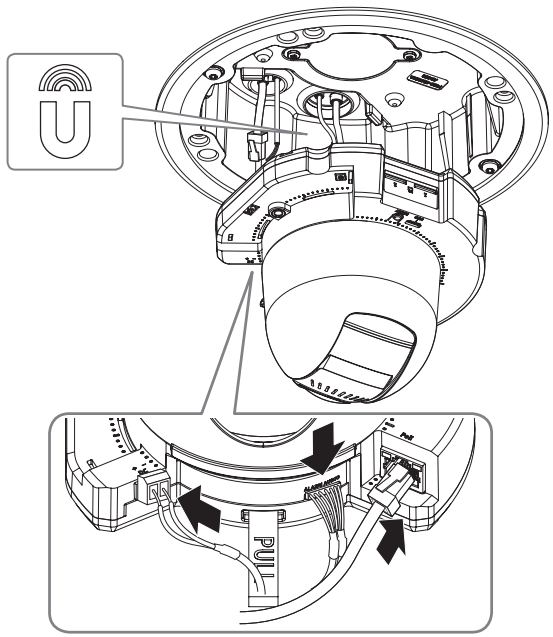
- Le support va fixer le boîtier au plafond.
- Assurez-vous que le boîtier est fermement fixé au plafond.



Installation du module de caméra

1. Connectez les câbles LAN/d'alimentation/audio et d'alarme à la borne du module de caméra.
2. Fixez le module de caméra au boîtier.

- Un aimant est intégré au bas du module.
- Veillez à ne pas laisser de corps étrangers entre les surfaces de fixation.

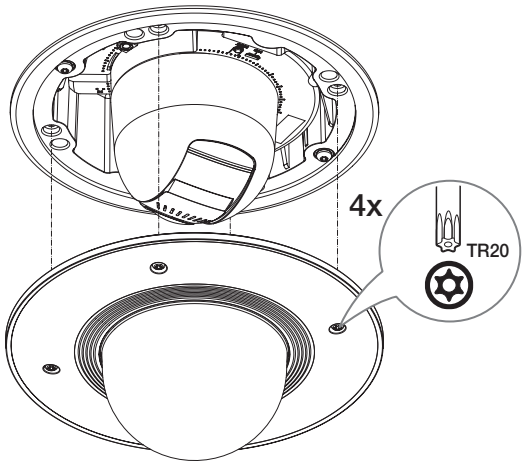


3. Ajustez l'objectif dans la direction souhaitée en vous reportant à la section « **Réglage de l'orientation de la caméra de surveillance** ». (page 33)

Assemblage du couvercle du dôme

1. Montez le couvercle du dôme.

- Assurez-vous de bien serrer les vis de fixation avec la clé hexagonale de manière à éviter tout dommage dû à une infiltration d'eau.

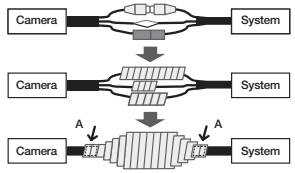


Installation extérieure

Lorsque vous l'installez en dehors d'un bâtiment, rendez-le étanche à l'aide de ruban en caoutchouc butylique (qui peut être acheté dans un magasin), de sorte que l'eau ne coule pas depuis le câble connecté à l'extérieur.

1. Connectez les câbles d'alimentation, E/S et LAN.

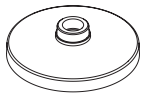
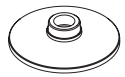
2. Enroulez la gaine du câble noir (zone A) et la zone de connexion du câble à l'aide de ruban étanche (en caoutchouc butylique), de sorte que plus de la moitié du ruban est chevauchée.

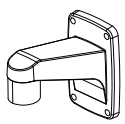
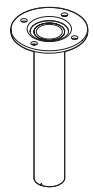


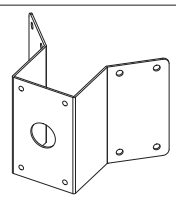
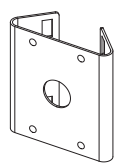
- Si la gaine du câble noir n'est pas correctement rendue étanche, elle peut directement provoquer une fuite. Assurez-vous de protéger le câble avec une large épaisseur de ruban.
- Le ruban étanche en caoutchouc butylique est fait de caoutchouc butylique qui peut être étendu jusqu'au double de sa longueur normale.

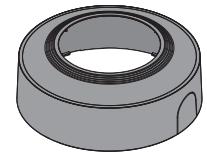
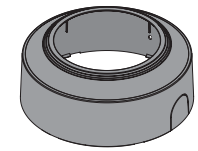
ACCESSOIRES EN OPTION POUR L'INSTALLATION

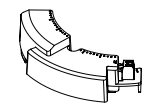
Vous pouvez acheter des accessoires appropriés en option disponibles.

	Montage suspendu	Montage suspendu
Nom du modèle	SBP-187HMW	SBP-167HMW
		
Modèle compatible	XNV-6081Z/8081Z	XND-6081VZ/8081VZ

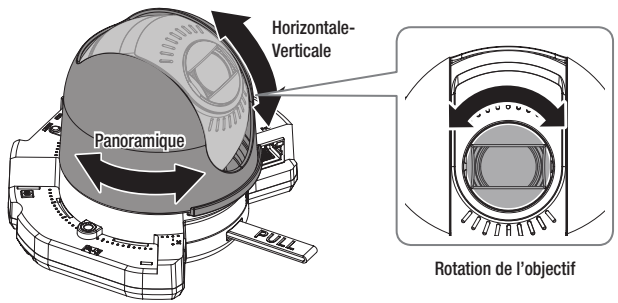
	Montage mural	Montage au plafond
Nom du modèle	SBP-300WMW1	SBP-300CMW
		
Modèle compatible	SBP-180HMW/160HMW	SBP-180HMW/160HMW

	Montage en coin	Montage sur poteau
Nom du modèle	SBP-300KMW	SBP-300PMW
		
Modèle compatible	SBP-300WMW1	SBP-300WMW1

	Couvercle de protection	Couvercle de protection
Nom du modèle	SBC-180B (Noir)	SBC-160B (Noir)
		
Modèle compatible	XNV-6081Z/8081Z	XND-6081VZ/8081VZ

	Module d'alimentation de 24V AC
Nom du modèle	SPC-100AC
	
Modèle compatible	XNV-6081Z/8081Z

Réglage de l’orientation de la caméra de surveillance



▪ Réglage de la direction de surveillance

Vous ne pouvez régler l’orientation de la caméra que lorsque celle-ci a été fixée au plafond.
A ce moment, la rotation du corps principal de la caméra dans la direction gauche et droite est appelée PAN, et en ajustement de l'angle de la caméra est appelé TILT.

- La plage effective du panoramique couvre un angle total de ±175 degrés.
- La somme des angles de rotation est de ±175° au maximum.
- La plage effective de l’inclinaison couvre un angle total de 85 degrés.

▪ Avec un angle d’inclinaison de 75° ou plus, un blocage de la vue ou une image floue peut apparaître dans certaines parties de l’écran en fonction du zoom grossissant.

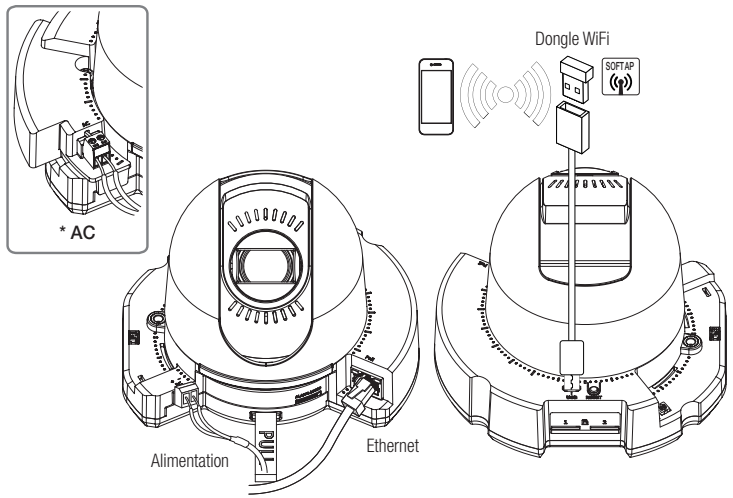
▪ Ne forcez pas la rotation ou appuyez sur l’objectif de mise au point/zoom. Sinon, la mise au point pourrait ne pas fonctionner correctement en raison d’une panne de moteur.

▪ Méthodes de réglage

1. Ajustez l’angle panoramique en tenant compte de la direction à surveiller.
2. Ajustez l’angle horizontal pour que la vidéo ne bascule pas lors de la rotation.
3. Ajustez l’angle d’inclinaison dans la direction à surveiller.

▪ Ne l’ajustez pas directement à la main.
Accédez au visualiseur Web pour ajuster la direction à surveiller.

CONNEXION À D’AUTRES PÉRIPHÉRIQUES



▪ Le terminal Micro USB du produit est fourni pour faciliter l’installation, et n’est pas recommandé à des fins de surveillance.

Connexion Ethernet

Connectez le câble Ethernet au réseau local ou à Internet.

Connexion WiFi

Configuration de la caméra

1. Connectez l'adapteur OTG (5 broches) et le dongle WiFi à la borne micro USB.

Configuration du Smartphone

1. Installez l'application d'installation Wisenet.
2. Sélectionnez le SSID de la caméra après avoir allumé le WiFi.
3. Exécutez l'application d'installation de Wisenet.
4. Lorsque vous vous connectez à la caméra, la vidéo sera connectée
   - La vidéo sera lue sans être connectée pendant la connexion initiale.
5. Vous pouvez ajuster l'angle de vue pendant le visionnement de la vidéo via votre smartphone.

Fabricant de dongle recommandé

Fabricant	Modèle
NETIS	WF2123 n300
EDIMAX	EW-7811Un
IP Time	N100mini
TP-LINK	TL-WN823N V1
ASUS	USB-N13
NETGEAR	WNA3100M

Alimentation

Utilisez le tournevis pour connecter les lignes du câble d'alimentation (+, –) au port correspondant de la caméra.

- Si les sources d'alimentation pour PoE et 12 V DC sont activées simultanément, le périphérique est alimenté à la fois en PoE et en 12 V DC.
  - Vous pouvez également utiliser un routeur doté d'une alimentation électrique par PoE pour fournir le courant à la caméra.
  - Utilisez une alimentation électrique par PoE qui est conforme aux protocoles IEEE 802.3af.
- Prenez soin de ne pas inverser la polarité en connectant le câble d'alimentation.
- L'alimentation secteur est disponible après l'achat d'un module secteur AC (SPC-100AC).
  - Modèles : XNV-6081Z/XNV-8081Z
  - Si les sources d'alimentation pour PoE et 24 V AC sont activées simultanément, la source d'alimentation externe (courant alternatif 24 V AC) sera utilisée.
  - Le courant alternatif 24 V AC peut être connecté comme non polaire.
- Connectez d'abord l'ensemble et la ligne d'alimentation de l'adaptateur, puis branchez le câble d'alimentation à la prise du mur.

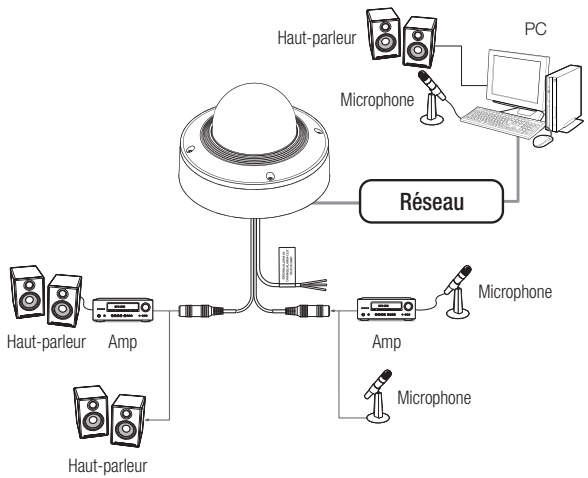
Spécification du câble d'alimentation pour chaque modèle

Modèle	Puissance d'entrée	Type de fil (AWG)	Longueur de câble (Max.)
XND-6081FZ/VZ XND-8081FZ/VZ	DC 12V	#18	27m
		#20	17m
XNV-6081Z/ XNV-8081Z	DC 12V	#18	24m
		#20	15m
	AC 24V	#18	40m
		#20	28m

Spécifications du câble réseau

Élément	Contenus	Remarque
Connecteur	RJ45 (10/100BASE-T)	
Ethernet	10/100BASE-T	
Câble	5e catégorie UTP	
Distance max.	100 M	
Support du PoE	IEEE 802.3af	

Connecter à l'entrée/la sortie Audio



1. Branchez le port AUDIO IN de la caméra sur le microphone ou sur le port SORTIE LIGNE de l'amplificateur auquel le microphone est relié.

   ▪ Vous pouvez utiliser le microphone interne de la caméra sans connexion de microphone externe (applicable uniquement aux modèles XND-6081VZ/XND-8081VZ).

2. Branchez le port AUDIO OUT de la caméra sur le microphone ou sur le port ENTRÉE LIGNE de l'amplificateur auquel le haut-parleur est relié.
3. Vérifiez les spécifications pour l'entrée audio.

- **Codec audio**
  - Entrée Audio : G.711 PCM (Débit binaire : 64 kb/s / Fréquence d'échantillonnage : 8 kHz), G.726 ADPCM (Débit binaire : 16 kb/s, 24 kb/s, 32 kb/s, 40Kbps / Fréquence d'échantillonnage : 8 kHz), AAC (Débit binaire: 48Kbps / Fréquence d'échantillonnage: 16kHz)
  - Sortie Audio : G.711 PCM (Débit binaire : 64 kb/s / Fréquence d'échantillonnage : 8 kHz)
- **Audio duplex complet**
- **Entrée audio (XND-6081VZ/XND-8081VZ)** : Sélectionnable (microphone / ligne / microphone intégré), tension prise en charge : 2,5V CC (4mA), Impédance d'entrée : 2000 Ohms
- **Entrée audio (XND-6081FZ/XND-8081FZ/XNV-6081Z/XNV-8081Z)** : Sélectionnable (microphone / ligne), tension prise en charge : 2,5V CC (4mA), Impédance d'entrée : 2000 Ohms
- **Sortie audio** : Sortie ligne (3,5mm mono jack), sortie maximale : 1Vms
- **Impédance de sortie de ligne** : 600Ω

▪ Si vous accédez au visualiseur Web et sélectionnez un microphone externe comme source d'entrée audio dans <**Video & Audio**> - <**Audio configuration**>, il est recommandé d'utiliser les spécifications suivantes :

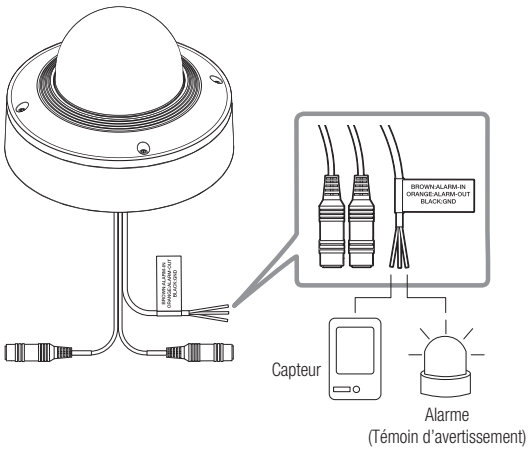
- Plage de fréquences : 40-16 000 Hz
- Impédance : 1 500 Ω
- Sensibilité : -40 ±3 dB (7,1-14,1 mV)

▪ Dans tous les cas suivants, les performances de classification sonore peuvent se détériorer ou un dysfonctionnement se produire :

- Si des sons de coup de feu sont entendus de manière continue dans un intervalle court (par exemple, un bruit de mitraillette) plutôt qu'un son de coup de feu unique
- Si le bruit est trop fort pour pouvoir distinguer le bruit du son cible
- Si deux sons différents ou plus sont enregistrés simultanément
- Si la classification sonore est appliquée lors de l'utilisation de la fonction d'élimination du bruit dans un endroit calme
- Si la source des applaudissements ou des cris est proche de la caméra (à moins d'un mètre)
- Si un son fort n'appartenant à aucune des catégories de classification de son (son d'avion, son de sirène, etc.) se fait soudainement entendre
- Si le microphone externe ne répond pas aux spécifications recommandées"

Connexion au boîtier du port E/S

Raccordez le câble d'E/S d'alarme au port correspondant sur la case de port.



- ALARM-IN : Permet de connecter le capteur d'entrée d'alarme.
- ALARM-OUT : Utilisé pour la connexion du signal de sortie de l'alarme.
- GND : Port commun pour le signal d'alarme d'entrée/sortie.

▪ Si un appareil (ex. : lumière clignotante et sirène) dont la tension et l'intensité excèdent les spécifications, est connecté en utilisant la méthode collecteur ouvert, cela peut causer un dysfonctionnement.
Référez-vous au « **Schéma de câblage de sortie de l'alarme** » lors du raccordement de périphériques dont la tension excède les spécifications actuelles. (page 36)

Pour connecter le capteur externe

Connectez l'un des deux fils de la ligne de signal des capteurs au port [**ALARM IN**], puis connectez l'autre fil au port [**GND**].

Schéma de câblage d'entrée de l'alarme

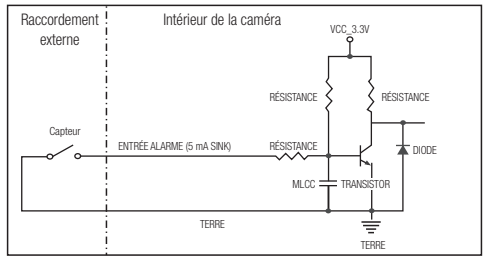
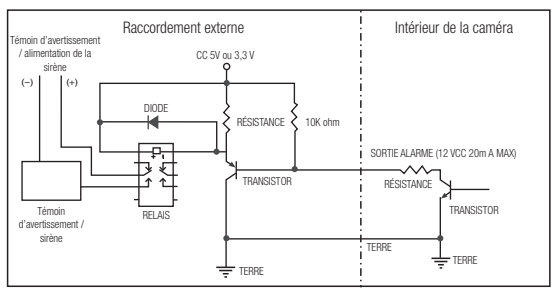


Schéma de câblage de sortie de l'alarme

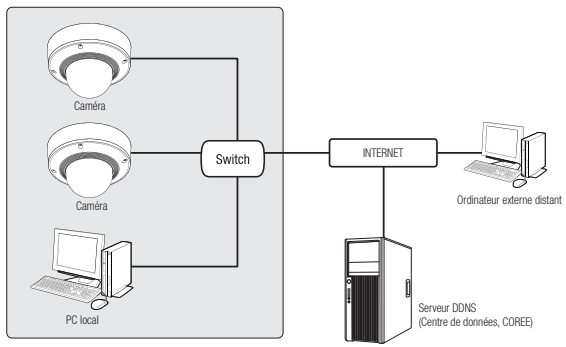


Vous pouvez configurer les paramétrages de réseau en fonction de vos configurations de réseau.

CONNECTER LA CAMÉRA DIRECTEMENT AU RÉSEAU DE ZONE LOCALE

Se connecte à la caméra à partir d'un PC local sur le LAN

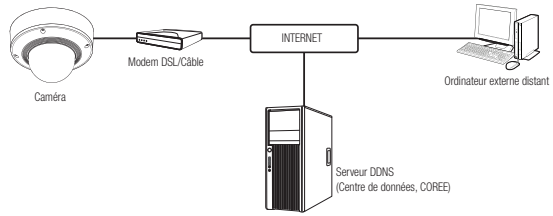
1. Lancer un navigateur Internet sur le PC local.
2. Saisir l'adresse IP de la caméra dans la barre d'adresse du navigateur.



<Réseau local>

- Un PC à distance dans une sortie Internet externe de réseau LAN peut ne pas pouvoir se connecter à la caméra installée dans l'intranet si le renvoi de port n'est pas correctement configuré ou si un pare-feu est mis.
  Dans ce cas, pour résoudre le problème, contacter votre administrateur de réseau.
- Par défaut, l'adresse IP sera attribuée automatiquement depuis le serveur DHCP.
  En l'absence de serveur DHCP disponible, l'adresse IP sera définie sur 192.168.1.100.
  Pour modifier l'adresse IP, utilisez Device Manager.
  Pour plus d'informations sur l'utilisation de Device Manager, reportez-vous à « **Utilisation de Device Manager** ». (Page 38)

CONNEXION DE LA CAMÉRA DIRECTEMENT À UN MODEM DSL/CÂBLE BASÉ SUR LE PROTOCOLE DHCP



1. Connectez l'ordinateur utilisateur directement à la caméra réseau.
2. Lancez Dans Device Manager et modifiez l'adresse IP de la caméra pour pouvoir utiliser le navigateur Web de votre bureau pour vous connecter à Internet.
3. Utilisez le navigateur Internet pour connecter le Web viewer.
4. Allez à la page [**Configuration**].
5. Allez sur [**Réseau**] – [**DDNS**], puis configurez les réglages DDNS.
6. Allez à [**Basic**] – [**IP & Port**], et définissez le type d'IP pour [**DHCP**].
7. Connectez la caméra, qui a été retirée de votre ordinateur, directement au modem.
8. Redémarrez la caméra.

- Pour plus d'informations sur la configuration de DDNS, reportez-vous à l'aide en ligne de Web Viewer.
- Pour plus d'informations sur la définition du format IP, reportez-vous à l'aide en ligne de Web Viewer.

UTILISATION DE DEVICE MANAGER

- Le programme Device Manager peut être téléchargé depuis le menu <**Support**> – <**Online Tool**> du site Web d'Hanwha Vision (https://www.HanwhaVision.com).
- Plus d'instructions relatives à Device Manager sont disponibles dans le menu <**Aide**> de la page principale.

RECHERCHE AUTOMATIQUE DE LA CAMÉRA

Si une caméra est connectée au même réseau que l'ordinateur sur lequel Device Manager est installé, vous pouvez trouver une caméra réseau à l'aide de la fonction de recherche.

1. Cliquez sur <**Rechercher**> sur la page principale de Device Manager.
2. Cochez la caméra dans la liste.
   - Vérifiez l'adresse MAC sur l'autocollant fixé sur la caméra.

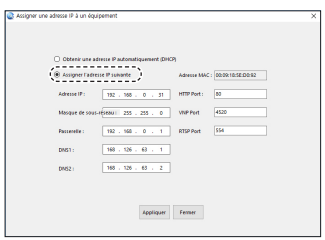
CONFIGURATION DE L'ADRESSE IP

Si vous souhaitez modifier les paramètres réseau de la caméra, le signe <**Connexion OK**> doit être affiché sous <**État**>. Pour vous connecter, cliquez sur <**Authentification**> sur la page principale.

Configuration de l'IP statique

Entrez et configurez manuellement l'adresse IP et les informations sur le port.

1. Dans la liste, cliquez sur la caméra dont vous voulez modifier la configuration IP.
2. Cliquez sur <**IP Assign (IP assignée)**> sur la page principale de Device Manager.
3. Sélectionnez <**Assigner l'adresse IP suivante**>.
   - Les informations IP de la caméra seront affichées en fonction du réglage précédent.
4. Remplissez les catégories relatives à IP & Port.



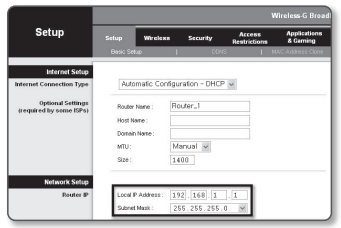
Si vous n'utilisez pas de Routeur large bande

Demandez au gestionnaire de réseau de définir les valeurs pour <**Adresse IP**>, <**Masque de sous-réseau**>, <**Passerelle**>.

- HTTP Port : Permet d'accéder à la caméra à l'aide du navigateur Internet, réglé par défaut sur 80.
- VNP Port : Permet de contrôler le transfert du signal vidéo, réglé par défaut sur 4520.
- RTSP Port : Un port qui contrôle la diffusion en continu en temps réel. La valeur initiale est 554.

Si vous utilisez un Routeur large bande

- IP Address : Entrez une adresse comprise dans la plage IP fournie par le Routeur large bande.
  ex.) 192.168.1.2~254, 192.168.0.2~254,
  192.168.XXX.2~254
- Subnet Mask : La valeur de <**Subnet Mask**> du Routeur large bande est identique à celle de l'option <**Subnet Mask**> de la caméra.
- Gateway : La valeur de <**Local IP Address**> du Routeur large bande est identique à celle de l'option <**Gateway**> de la caméra.



- Les réglages peuvent varier selon le modèle du Routeur large bande connecté.
  Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.
- Pour plus d'informations sur la redirection de port du routeur large bande, reportez-vous à « **Configuration de la Redirection de la Plage de Ports (Mappage de Ports)** ». (Page 40)

Si le Routeur large bande dispose de plusieurs caméras connectées

Configurez séparément les réglages IP et les réglages de port.

ex.)

Catégorie		Caméra 1	Caméra 2
Réglages IP	IP Address Subnet Mask Gateway	192.168.1.100 255.255.255.0 192.168.1.1	192.168.1.101 255.255.255.0 192.168.1.1
Réglages de port	HTTP Port VNP Port RTSP Port	8080 4520 554	8081 4521 555

- Si l'option <**HTTP Port**> est réglée sur une valeur différente de 80, vous devrez indiquer le numéro du réglage <**Port**> dans la barre d'adresse du navigateur Internet pour pouvoir accéder à la caméra.
  ex.) http://IP address : HTTP Port
  http://192.168.1.100:8080

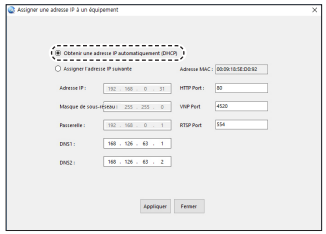
5. Cliquez sur le bouton [**Appliquer**].
6. Si un message de réussite s'affiche, cliquez sur [**OK**].

Configuration de l’IP dynamique

Le DHCP vous envoie l’adresse IP.

- Exemple d’environnement IP Dynamique
  - Routeur large bande, disposant de caméras connectées, affecté à une adresse IP par le serveur DHCP
  - En cas de connexion directe de la caméra au modem via les protocoles DHCP
  - Adresses IP affectées par le serveur DHCP interne via le réseau LAN

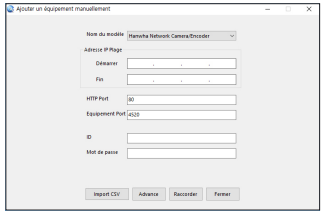
1. Dans la liste, cliquez sur la caméra dont vous voulez modifier la configuration IP.
2. Cliquez sur <**IP assignée**> sur la page principale de Device Manager.
3. Sélectionnez <**Obtenir une adresse IP automatiquement (DHCP)**>.
4. Cliquez sur le bouton [**Appliquer**].
5. Si un message de réussite s’affiche, cliquez sur [**OK**].



ENREGISTREMENT MANUEL DE LA CAMÉRA

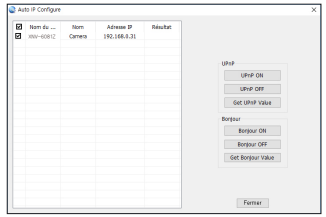
Si la caméra ne peut pas être trouvée à l’aide de la fonction de recherche, elle peut être enregistrée à distance en entrant manuellement les informations IP, si la caméra est connectée à un réseau externe.

1. Cliquez sur <**Ajouter des périphériques**> – <**Ajouter un équipement manuellement**> sur la page principale de Device Manager.
2. Entrez la plage d’adresses IP que vous recherchez.
3. Sélectionnez le <**Nom du modèle**> de la caméra que vous enregistrez et entrez le port HTTP, le port VNP, l’identifiant et le mot de passe.
4. Cliquez sur le bouton [**Raccorder**].
5. Vérifiez si la caméra est enregistrée.
   - Vérifiez l’adresse MAC sur l’autocollant fixé sur la caméra.



CONFIGURATION AUTOMATIQUE DE L’IP

1. Dans la liste, cliquez sur la caméra dont vous voulez configurer automatiquement l’IP.
2. Cliquez sur < **+** > sur la page principale de Device Manager.
   - Le menu Configuration de l’équipement s’affiche.
3. Dans le menu, cliquez sur <**Auto IP Configure (Configuration IP automatique)**>.
4. Cliquez sur le bouton [**Fermer**].

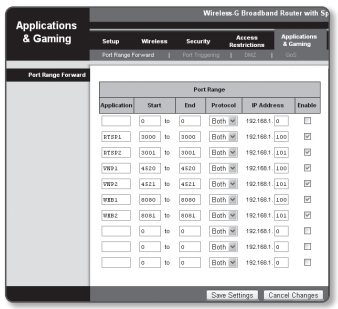


CONFIGURATION DE LA REDIRECTION DE LA PLAGE DE PORTS (MAPPAGE DE PORTS)

Si vous avez installé un Routeur large bande muni d'une caméra connectée, vous devrez régler la redirection de la plage de ports sur le Routeur large bande de sorte qu'un ordinateur distant puisse accéder à la caméra qui y est installée.

Redirection manuelle de la plage de ports

1. Depuis le menu Setup du Routeur large bande, sélectionnez <**Applications & Gaming**> - <**Port Range Forward**>.
   Pour le réglage de la redirection de la plage de ports sur un Routeur large bande tiers, reportez-vous au manuel d'utilisation du Routeur large bande concerné.
2. Sélectionnez <**TCP**> et <**UDP Port**> pour chacune des cameras connectées au Routeur large bande.
   Le nombre de ports à configurer sur le routeur IP doit être réglé en fonction du nombre de ports indiqué dans <**Configuration**> - <**Basic**> - <**IP & Port**> sur le visualiseur Web de la caméra.
3. Une fois terminé, cliquez sur [**Save Settings**].
   Vos réglages seront ainsi sauvegardés.

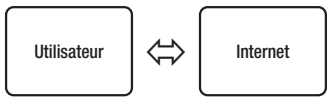


- La configuration du transfert de port est un exemple de configuration du routeur IP CISCO.
- Les réglages peuvent varier selon le modèle du Routeur large bande connecté.
  Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.

Réglage de la redirection de la plage de ports pour plusieurs caméras en réseau

- Vous pouvez définir une règle de redirection de port sur le périphérique du Routeur large bande via sa page Web de configuration.
- Un utilisateur peut modifier chaque port à l'aide de l'écran de réglage de la caméra.

Lorsque la Caméra 1 et la Caméra 2 sont connectées à un routeur :



Routeur large bande			
Début	Fin	Protocole	Adresse IP
3000	3000	TCP/UDP	192.168.1.100
3001	3001	TCP/UDP	192.168.1.101
4520	4520	TCP/UDP	192.168.1.100
4521	4521	TCP/UDP	192.168.1.101
8080	8080	TCP/UDP	192.168.1.100
8081	8081	TCP/UDP	192.168.1.101

Caméra 1 (192.168.1.100)	
Port HTTP	8080
Port Périph.	4520
Port RTSP	3000

Caméra 2 (192.168.1.101)	
Port HTTP	8081
Port Périph.	4521
Port RTSP	3001

- La redirection de port peut être réalisée sans paramétrage supplémentaire du routeur si celui-ci supporte la fonction UPnP. Après avoir connecté la caméra réseau, cochez la case à cocher dans le menu <**Connexion rapide**> dans <**DDNS**> dans "**Paramètres** -> **Réseau** -> **DDNS**".

CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR LOCAL PARTAGÉ

1. Lancez Device Manager.
   Le système recherche les caméras connectées et en affiche la liste.
2. Double-cliquez sur une caméra pour y accéder.
   Le navigateur Internet démarre et se connecte à la caméra.

▪ Vous pouvez aussi accéder à la caméra en tapant l'adresse IP de la caméra trouvée dans la barre d'adresse du navigateur Internet.

CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR DISTANT VIA INTERNET

Sur un ordinateur distant en dehors du réseau du routeur haut débit, le cluster n'est pas autorisé, les utilisateurs peuvent accéder aux caméras situées sur le réseau d'un routeur haut débit à l'aide de l'URL DDNS de la caméra.

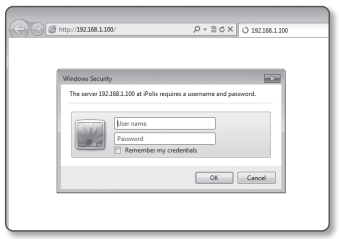
1. Avant de pouvoir accéder à une caméra depuis le réseau du Routeur large bande, vous devez régler la redirection des plages de port du Routeur large bande.
2. Depuis l'ordinateur distant, lancez le navigateur Internet et tapez l'adresse URL DDNS de la camera ou l'adresse IP du Routeur large bande dans la barre d'adresse.
   ex.) http://ddns.hanwha-security.com/ID

▪ Pour utiliser le DDNS, inscrivez-vous sur la page d'accueil DDNS (http://ddns.hanwha-security.com) et enregistrez le produit sur [**Mon DDNS**]>[**Enregistrer le produit**duit].

CONNEXION À LA CAMÉRA

Normalement, vous devez procéder comme suit

1. Lancez le navigateur Internet.
2. Tapez l'adresse IP de la caméra dans la barre d'adresse.
   ex.) • Adresse IP (IPv4) : 192.168.1.100 → http://192.168.1.100
   - la boîte de dialogue de connexion devrait apparaître.
   • Adresse IP (IPv6) : 2001:230:abcd:ffff:0000:0000:ffff:1111 → http://[2001:230:abcd:ffff:0000:0000:ffff:1111] - la boîte de dialogue de connexion devrait apparaître.



Si le numéro de port HTTP est différent de 80

1. Lancez le navigateur Internet.
2. Tapez l'adresse IP et le numéro de port HTTP de la caméra dans la barre d'adresse.
   ex.) Adresse IP: 192.168.1.100:HTTP Numéro de port (8080)
   → http://192.168.1.100:8080 - la boîte de dialogue de connexion devrait apparaître.

Utilisation de l'adresse URL

1. Lancez le navigateur Internet.
2. Tapez l'adresse URL DDNS de la caméra dans la barre d'adresse.
   ex.) Adresse URL : http://ddns.hanwha-security.com/ID
   - la boîte de dialogue de connexion devrait apparaître.

▪ La connexion réseau est désactivée dans un environnement uniquement LAN.

Se connecter via UPnP

1. Exécutez le système client ou d'exploitation afin de supporter le protocole UPnP.
2. Cliquez sur le nom de la caméra aux fins de recherche.
   Dans le système d'exploitation Windows, cliquez sur le nom de la caméra recherchée dans le menu réseau.
   - La fenêtre de connexion s'affiche.

Se connecter via Bonjour

1. Exécutez le système client ou d'exploitation afin de supporter le protocole Bonjour.
2. Cliquez sur le nom de la caméra pour recherche.
   Sur le système d'exploitation Mac, cliquer sur le nom de la caméra lance la recherche depuis l'onglet Bonjour de Safari.
   - La fenêtre de connexion s'affiche.

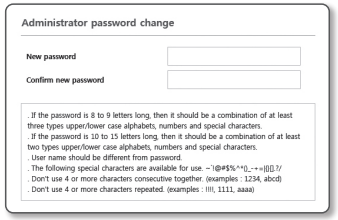
Vérification de l'adresse DDNS

Si la caméra est connectée directement à un modem câble ou à un modem DSL basé sur DHCP, l'adresse IP change chaque fois qu'elle tente de se connecter au FAI (la société à laquelle vous vous êtes abonné). Le cas échéant, vous ne serez pas informé du changement d'adresse IP par le serveur DDNS.

Une fois que vous enregistrez un périphérique dynamique basé sur IP sur le serveur <**DDNS**>, vous pouvez facilement vérifier l'adresse IP modifiée lorsque vous essayez d'accéder au périphérique. http://ddns.hanwha-security.com et enregistrez tout d'abord votre périphérique puis réglez <**Réseau**> - <**DDNS**> de Web Viewer sur <**DDNS**>. Renseignez également le champ <**ID produit**> avec la donnée utilisée pour l'enregistrement DDNS.

RÉGLAGE DU MOT DE PASSE

Lorsque vous accédez au produit pour la première fois, vous devez enregistrer le mot de passe de connexion.

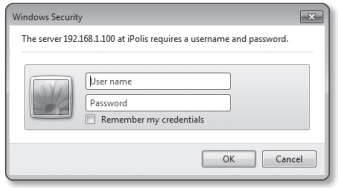


- Pour un nouveau mot de passe de 8 à 9 chiffres, vous devez utiliser au moins trois des éléments suivants : lettres majuscules / minuscules, chiffres et caractères spéciaux. Pour un mot de passe de 10 à 15 chiffres, vous devez utiliser au moins deux des types mentionnés.
  - Les caractères spéciaux qui sont autorisés. : ~`!@#$%^*()_-+={}[].?/
- Pour plus de sécurité, il n'est pas recommandé de répéter les mêmes caractères ou entrées clavier consécutives pour vos mots de passe.
- Si vous avez perdu votre mot de passe, vous pouvez appuyer sur le bouton [**RESET**] pour initialiser le produit. Veuillez donc ne pas perdre votre mot de passe en utilisant un bloc-notes ou bien mémorisez-le.

LOGIN

Lorsque vous accédez à la caméra, la fenêtre de connexion apparaît.
Saisissez l'identifiant utilisateur et le mot de passe pour accéder à la caméra.

1. Entrez « **admin** » dans la zone de saisie de texte <**User Name**>.
   L'identifiant de l'administrateur « **admin** » est fixe et ne peut être modifié.
2. Saisissez le mot de passe dans le champ de saisie <**Password**>.
3. Cliquez sur [**OK**].
   Si vous vous êtes connecté avec succès, vous verrez l'écran Live Viewer s'afficher.



- Lorsque vous accédez à la visionneuse web de la caméra, accordez une attention particulière à la sécurité en vérifiant si les données d'image sont cryptées.

- Si vous sélectionnez l'option « **Remember my credentials** » après avoir entré votre saisie, vous serez automatiquement connecté sans être invité à entrer vos informations de connexion à votre prochaine connexion.
- Pour une qualité vidéo optimale, passez en affichage 100 %. La réduction du format de l'image peut couper l'image sur les bords.

INSTALLATION DE LA VISIONNEUSE WEB DE LA CAMÉRA

1. Cliquez sur l'ïcone [**Configuration ( )**].
2. La fenêtre de configuration apparaît.
3. Vous pouvez configurer les paramètres pour les informations de base de la caméra, la vidéo, l'audio, le réseau, l'événement, l'analyse et le système sur le réseau.
4. Cliquez sur <**Aide ( )**> pour voir les descriptions détaillées de chaque fonction.

RÉSOLUTION DE PROBLÈMES

PROBLÈME	SOLUTION
Lorsqu'un utilisateur de Windows 10 accède à la visionneuse Web via Chrome ou Firefox, le volume sonore du microphone change périodiquement.	• Ce qui se produit quand le pilote de microphone a été réglé sur le pilote Realtek. Installez le périphérique audio haute définition (pilote par défaut Windows) ou le pilote tiers comme pilote de microphone.
Quelles sont les spécifications des fichiers WAVE nécessaires pour lire de l'audio au moment d'un événement ?	• Un débit d'échantillonnage de 48 000 kHz ou inférieur est recommandé. • Pour les bits par échantillon, une valeur jusqu'à 8/16 bits est recommandée. • Seul le format d'encodage PCM est pris en charge.
Aucune vidéo n'est affichée lors de l'accès libre au visualiseur Web de plug-in sur Safari via HTTPS.	• Dans la fenêtre d'authentification contextuelle affichée lors de l'accès initial à https, cliquez sur "Afficher certificat d'authentification" et sélectionnez l'option "Toujours faire confiance lors de la connexion à l'adresse IP du visualiseur Web désigné". • Si le visualiseur Web ne peut toujours pas lire une vidéo après avoir sélectionné "Suivant" dans la fenêtre de message ci-dessous, appuyez sur la touche de commande + Q pour quitter le navigateur Safari puis recommencez et suivez les procédures indiquées ci-dessus.
Je n'ai pas accès à la caméra à partir d'un navigateur Internet.	• Vérifier pour s'assurer que les paramètres de réseau de la caméra sont appropriés. • Vérifier pour assurer que tous les câbles de réseau ont été correctement connectés. • Si elle est connectée en utilisant DHCP, vérifier que la caméra peut acquérir des adresses IP dynamiques sans aucun problème. • Si la caméra est connectée à un Routeur large bande, vérifier que le renvoi de port est configuré correctement.
Le visionneur a été déconnecté pendant le suivi.	• Les visionneurs connectés se déconnectent à tout changement apporté à la caméra ou aux configurations de réseau. • Vérifier toutes les connexions de réseau. • Si la caméra est connectée par un réseau PPPoE, il est possible que le visionneur se déconnecte en raison de mauvaises conditions de réseau.
La caméra connectée au réseau n'est pas détectée dans le programme Device Manager.	• Désactiver les paramètres de pare-feu sur votre PC et chercher de nouveau la caméra.
Chevauchement d'images.	• Vérifier si une ou plusieurs caméras sont configurée à une adresse multidiffusion unique au lieu d'adresses différentes. Si une adresse unique est utilisée pour des caméras multiples, les images peuvent se chevaucher.

PROBLÈME	SOLUTION
Aucune image n'apparaît.	• Si la méthode de transmission est configurée sur multidiffusion, vérifier s'il y a un routeur qui prend en charge la multidiffusion dans le LAN sur lequel la caméra est connectée.
La voix n'est pas enregistrée même si les paramètres d'entrée audio sont configurés.	• Vous devez activer la case à cocher <Entrée audio> dans <Basic> - <Profil vidéo>.
<Détection mvt> de l'<Analyse> est réglé sur <Activer>, mais je ne reçois pas de notification par e-mail même quand un événement d'analyse s'est produit.	• Vérifiez les réglages selon la séquence suivante : A. Vérifiez les réglages <Date et heure>. B. L'option <Détection mvt> doit être réglée sur <Activer>. C. Vérifiez si l'option <E-mail> du menu <Config. évén.> est cochée avant utilisation.
Aucun signal n'est détecté au port Emission d'alerte, même en cas de génération d'un événement d'analyse vidéo intelligente.	• Vérifiez les réglages de port de sortie de l'alarme.
Impossible d'effectuer un enregistrement sur la carte mémoire Micro SD.	• Vérifiez que la carte mémoire n'est pas défectueuse.
La carte mémoire Micro SD est insérée mais la caméra ne fonctionne pas correctement.	• Vérifiez si la carte mémoire est insérée dans le bon sens. Le fonctionnement des cartes mémoire formatées sur d'autres appareils n'est pas garanti sur cette caméra. • Formatez la carte mémoire à nouveau sous le menu <Configuration> → <Événement> → <Stockage>.
Impossible d'enregistrer sur le système NAS.	• Assurez-vous que l'information enregistrée dans le système NAS soit correcte.
Un rapport mentionne que le réglage du système NAS a échoué.	• L'adresse IP du NAS est valide. • ID/mot de passe du NAS est valide. • Assurez-vous de pouvoir accéder au dossier désigné comme dossier principal en utilisant le ID du NAS. • Les items SMB/CIFS du NAS ne sont pas cochés. • L'adresse IP du NAS et celle de la caméra ont le même format. Ex) La valeur initiale du masque de sous-réseau du NAS et de la caméra est 255.255.255.0. Si l'adresse IP est 192.168.20.32, alors l'adresse IP du NAS devrait être quelque part dans 192.168.20.1~192.168.20.255. • Vérifiez si vous avez tenté d'y accéder sous un autre nom d'utilisateur sans formater le principal dossier utilisé ou sauvegardé. • Assurez-vous d'avoir utilisé l'équipement NAS recommandé.

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iproute2-4.3.0	GPL 2.0	
iptables-1.4.21	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-4.2	GPL 2.0	
mtd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtd-utils
mii-diag-2.11	GPL 2.0	
rp-pppoe-3.11	GPL 2.0	http://www.roaringpenguin.com/pppoe/
wpa_supplicant-2.5	GPL 2.0	
bash-4.3.30	GPL 3.0	
zeroconf	GPL 2.0	

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Inetutils	LGPL 3.0	
neon-0.29.6	LGPL 2.0	http://www.webdav.org/neon/

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lighttpd is a secure, fast, compliant, and very flexible webserver that has been optimized for high-performance environments. It has a very low memory footprint compared to other webservers and takes care of cpuload. Its advanced feature-set (FastCGI, CGI, Auth, Output-Compression, URL-Rewriting and many more) make lighttpd the perfect webserver-software for every server that suffers load problems. Simple Network Management Protocol (SNMP) is an Internetstandard protocol for managing devices on IP networks. It is used mostly in network management systems to monitor the devices attached to the network for conditions that need administrative attention. Net-SNMP is a suite of applications used to implement SNMP v1, SNMP v2c and SNMP v3 using both IPv4 and IPv6. For more additional information, send email to help.cctv@hanwha.com.

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- Version 1.1

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It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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T-License [License Agreement for Source Code of T-Kernel]

established by T-Engine Forum
on January 23, 2004
revised on June 17, 2004
revised on December 21, 2006
revised on March 24, 2009

Article 1. Scope of License Agreement

1. This License Agreement sets forth copyrights and the terms and conditions of use applicable to the source code of T-Kernel distributed by T-Engine Forum and any derivative work created therefrom.

Article 2. Definition

1. "T-Kernel" means a real-time operating system controlled and distributed by T-Engine Forum on behalf of the copyright holder thereof.

2. "Source Code" means a source program, including related comments and documentations, for the T-Kernel and the Ported Source Code defined in Article 2.8 which is registered with T-Engine Forum.

3. "Hardware-dependent Part" means the part of the Source Code which depends on hardware and needs to be changed when the Source Code is ported and operated on the target hardware, and is designated and separated as such part.

4. "Compiler-dependent Part" means the part of the Source Code which depends on compiler and needs to be changed when the Source Code is ported and operated on the target hardware, and is designated and separated as such part.

5. "Header File" means the part of the Source Code which contains definitions necessary to develop application programs.

6. "T-Engine Hardware" means the hardware which is manufactured in accordance with the T-Engine Hardware specifications or the µT-Engine Hardware specifications issued by T-Engine Forum, and registered with T-Engine Forum.

7. "Similar Hardware to T-Engine Hardware" means any hardware (including software which emulates hardware) other than that defined in Article 2.6 above, on which the T-Kernel can be operated.

8. "Ported Source Code" means a source program produced from the Source Code by modifying only its Hardwaredependent Part and/or Compiler-dependent Part to enable it to be operated on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware. The Ported Source Code which is registered with T-Engine Forum shall be included in the Source Code.

9. "Modified Source Code" means a source program modified from the Source Code for the purpose of improving its performance, increasing or decreasing its function, and the like. The Ported Source Code shall not be included in the Modified Source Code.

10. "Binary Code" means an executable code form which is created by compiling programs, which include all or part of the Source Code or the Modified Source Code.

11. "Derivative Work" means the Modified Source Code or the Binary Code.

12. "Embedded Product" means any product which operates with executable code form of the Source Code, the Modified Source Code or the Binary Code loaded on its hardware.

13. "End User" means a consumer who uses the Embedded Product.

14. "System Developer" means any person who develops the Embedded Product by itself or has a third party develop the same, and provides, whether with or without payment, the End User with the Embedded Product.

15. "Distributor of Modification" means any person who produces the Modified Source Code and, whether with or without payment, distributes the same to any third party.

16. "Patch for Modification" means a difference, program, system, or the like in order to create the Modified Source Code from the Source Code or the Binary Code thereof.

17. "Vicarious Execution of Patch Processing" means vicarious execution service to create the Modified Source Code applying the Patch for Modification to the Source Code or the Binary Code thereof.

18. "Source Code User" means a person who uses the Source Code.

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2. to transmit a work to the general public through the Internet communication, broadcasting, and the like automatically in response to a request from the public; and

3. to distribute a copy of a work to the general public or a large number of specific persons.

Article 3. Copyright

1. The copyrights of the Source Code shall be owned by Ken Sakamura.

Article 4. License of Source Code

1. As provided for in this Article, T-Engine Forum shall provide, and grant a license to use, the Source Code free of charge to any person who has taken the necessary procedure for registration as prescribed by T-Engine Forum and agreed to the T-License.

2. The Source Code shall be distributed exclusively by T-Engine Forum. Any person who obtains the Source Code under Article 4.1 above shall not make any re-Distribution of the Source Code.

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1. to copy and/or modify the Source Code provided by T-Engine Forum hereunder for its own research, development and the like.

2. to run the Source Code provided by T-Engine Forum hereunder for its own research, development and the like.

3. to run the Source Code modified in accordance with the provision of Article 4.3 (1) above for its own research, development and the like.

4. to distribute the Binary Code created from the Source Code provided by T-Engine Forum hereunder or from the Source Code modified in accordance with the provision of Article 4.3 (1) above.

4. In accordance with the license granted under Article 4.1 above, the System Developer may perform the following acts:

1. to perform any and all acts set forth in the Article 4.3 above.

2. to develop and manufacture the Embedded Product containing the Binary Code, and, whether with or without payment, provide the End User with the same and make the Binary Code available to the End User on the Embedded Product.

5. The Source Code User and the System Developer shall be obligated to give a notice that the Source Code is used, in such a way as separately specified by T-Engine Forum, when they use the Source Code or the Binary Code, or make the Binary Code available for the End User on the Embedded Product.

Article 5. Distribution of Modified Source Code

1. Any of A- members of T-Engine Forum may become the Distributor of Modification by obtaining the approval of T-Engine Forum through the registration procedure as prescribed by the Forum provided that only the department of the A- member which has taken the registration procedure may distribute the Modified Source Code in such a way as provided for in this Article as long as it holds the Amembership.

2. The Distributor of Modification may create the Modified Source Code based on the Source Code provided by T-Engine Forum and the Patch for Modification to be applied to create such Modified Source Code from the Source Code.

3. The Distributor of Modification shall, prior to the distribution, inform T-Engine Forum of and register a name and description of the Modified Source Code in such a way as specified by T-Engine Forum.

4. The Distributor of Modification shall determine the name of the Modified Source Code subject to the rules separately established by T-Engine Forum and publish an appropriate notice as required by the rules on the Patch for Modification and the Modified Source Code.

5. The Distributor of Modification may distribute the Modified Source Code to a third party, whether with or without payment, provided that the Distributor of Modification shall take the necessary measures to prohibit the third party from making the re-Distribution of the Modified Source Code.

6. Developer with the Patch for Modification. Provided, however, that the Distributor of Modification shall be obligated to confirm that the System Developer is the Source Code User duly licensed under Article 4.1.

7. The Distributor of Modification may perform the Vicarious Execution of Patch Processing for the System Developer.

8. The System Developer shall not distribute the Modified Source Code in further modified form to any third party as a stand-alone software product.

9. The System Developer may, under the same obligation as imposed in Article 4.5, make the Embedded Product available for the End User through use of the Patch for Modification distributed by the Distributor of Modification or the Derivative Works obtained through the Vicarious Execution of Patch Processing.

Article 6. Distribution and Registration of the Ported Source Code

1. The Source Code User and the System Developer may, whether with or without charge, distribute to any third party only the following parts of the Ported Source Code on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware:

1. The Hardware-dependent Part and/or Compiler-dependent Part; provided that the Source Code User and the System Developer shall inform T-Engine Forum of, and T-Engine Forum may publish, a method for distributing said Part(s) to third parties.

2. The Header File; provided that the Header File shall be distributed together with the Binary Code of the Ported Source Code.

2. Any member of T-Engine Forum may request T-Engine Forum to register and distribute, as an original source code for T-Kernel, the Ported Source Code on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.

3. Any member of T-Engine Forum who requests the distribution mentioned in the preceding paragraph shall accede to the following conditions:

1. The member shall confirm that the object hardware is the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.

2. The member shall provide T-Engine Forum with a complete set of operational environment for the object hardware and T-Kernel free of charge when requesting the distribution.

3. The member shall submit test results of the Ported Source Code to T-Engine Forum when requesting the distribution.

4. In the event that T-Engine Forum accepts the request mentioned in Article 6.2, T-Engine Forum shall register and distribute the Ported Source Code as the Source Code for T-Kernel. Provided, however, that the Ported Source Code may be treated in the same way as the Modified Source Code until the time of registration hereunder.

5. The provision set forth in Article 3 shall apply to the Ported Source Code registered in accordance with this Article.

Article 7. Use for Other Purpose

1. Any use of the Source Code, the Modified Source Code or the Ported Source Code other than those stipulated in Articles 4, 5 and 6 shall be subject to the prior approval of T-Engine Forum.

Article 8. Limited Warranty

1. T-Engine Forum and the copyright holder of the Source Code warrant that the Source Code does not infringe third party's copyrights. Provided, however, that T-Engine Forum and the copyright holder of the Source Code make no warranty as to the Hardware-dependent Part and/or Compiler- dependent Part set forth in Article 6.2 in the Ported Source Code by any third party.

2. Neither T-Engine Forum nor the copyright holder of the Source Code warrants that the Source Code will fit for any particular purpose of the Source Code User.

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2. In case of breach of this License Agreement by a member of T-Engine Forum, T-Engine Forum may take appropriate measures against the member; for example, the member is disqualified from membership, depending on what kind of breach has been committed by it.

3. Any legal dispute which may arise in relation to any breach of this License Agreement shall be subject to the exclusive jurisdiction of the Tokyo District Court.

Article 11. Governing Law and Language

1. This License Agreement shall be governed by and interpreted under the laws of Japan.

2. This License Agreement is executed in both Japanese text and English text provided that the Japanese text shall govern the interpretation and performance of this License Agreement.

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Iperf performance test

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

Toute modification entreprise dans la conception de cet appareil non expressément approuvée par par la partie responsable de la conformité pourrait annuler l'autorisation de l'utilisateur à utiliser l'équipement.

Cet appareil est conforme au point 15 du règlement FCC. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne peut pas causer d'interférences nuisibles et (2) doit accepter toute interférence reçue, y compris les interférences susceptibles de causer un mauvais fonctionnement.

Cet équipement a été testé et se conforme aux limites relatives à un appareil numérique de classe A, conformément à la partie 15 des Réglementations FCC. Ces limites sont élaborées pour fournir un degré raisonnable de protection contre les interférences dangereuses si l'équipement fonctionne dans un environnement commercial.
Cet équipement génère, utilise et peut produire une énergie à radio fréquence, s'il n'est pas installé et utilisé selon le manuel d'instruction, il peut causer des interférences nuisibles aux communications radiophoniques.
Le fonctionnement de cet équipement au sein d'une zone résidentielle peut provoquer des interférences dangereuses, dans ce cas l'utilisateur est sommé de corriger l' interférence à ses propres frais.

eco
RoHS compliant

Hanwha Vision se soucie de l'environnement à toutes les phases de fabrication du produit et s'engage à tout mettre en oeuvre pour offrir à ses clients des produits plus respectueux de l'environnement.
La marque Eco représente l'engagement de Hanwha Vision à créer des produits respectueux de l'environnement et indique que le produit est conforme à la Directive RoHS de l'Union européenne.

Les bons gestes de mise au rebut de ce produit (Déchets d'équipements électriques et électroniques)

(Applicable dans les pays de l'Union Européenne et dans d'autres pays européens pratiquant le tri sélectif)

Ce symbole sur le produit, ses accessoires ou sa documentation indique que ni le produit, ni ses accessoires électroniques usagés (chargeur, casque audio, câble USB, etc.) ne peuvent être jetés avec les autres déchets ménagers. La mise au rebut incontrôlée des déchets présentant des risques environnementaux et de santé publique, veuillez séparer vos produits et accessoires usagés des autres déchets. Vous favoriserez ainsi le recyclage de la matière qui les compose dans le cadre d'un développement durable.

Les particuliers sont invités à contacter le magasin leur ayant vendu le produit ou à se renseigner auprès des autorités locales pour connaître les procédures et les points de collecte de ces produits en vue de leur recyclage. Les entreprises et professionnels sont invités à contacter leurs fournisseurs et à consulter les conditions de leur contrat de vente. Ce produit et ses accessoires ne peuvent être jetés avec les autres déchets professionnels et commerciaux.

Elimination des batteries de ce produit

(Applicable aux pays de l'Union européenne et aux autres pays européens dans lesquels des systèmes de collecte sélective sont mis en place.)

Le symbole sur la batterie, le manuel ou l'emballage indique que les batteries de ce produit ne doivent pas être éliminées en fin de vie avec les autres déchets ménagers. L'indication éventuelle des symboles chimiques Hg, Cd ou Pb signifie que la batterie contient des quantités de mercure, de cadmium ou de plomb supérieures aux niveaux de référence stipulés dans la directive CE 2006/66. Si les batteries ne sont pas correctement éliminées, ces substances peuvent porter préjudice à la santé humaine ou à l'environnement.

Afin de protéger les ressources naturelles et d'encourager la réutilisation du matériel, veillez à séparer les batteries des autres types de déchets et à les recycler via votre système local de collecte gratuite des batteries.


Hanwha
Vision