

CAMÉRA RÉSEAU

Manuel d'utilisation

PNM-9030V



Caméra Réseau

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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 responsable 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. Veuillez 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 un boîtier d'alimentation de « Classe 2 » ou « LPS » ayant une puissance nominale de 12 VCC, 1.57 A ou PoE, 0.5 A.
16. 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.
17. 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.
18. 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.
19. 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.
20. L'installation ou l'utilisation du produit dans l'eau peut causer des dommages importants au produit.



21. Une déformation de l'écran peut survenir à l'extérieur de la distance du sujet.
22. Lors de l'accès à plusieurs canaux (CH 1-5), la fréquence réglée sur 15 ips peut chuter de 1 ou 2 ips.
23. Lors du codage, une fluctuation en temps réel de ± 1 ips peut se produire.

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

	ATTENTION RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIR	
ATTENTION : POUR RÉDUIRE LES RISQUES DE CHOC ÉLECTRIQUES, NE RETIREZ PAS LE COUVERCLE (OU LA PARTIE ARRIÈRE) LES PIÈCES INTÉRIEURES NE SONT PAS ACCESSIBLES À L'UTILISATEUR. FAITES APPEL AU PERSONNEL DE MAINTENANCE QUALIFIÉ.		

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.

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

Il existe un risque d'explosion si la batterie est remplacée par une autre de modèle incorrect. Éliminez les batteries usagées conformément aux instructions.

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.

Veillez 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.

Veillez 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.

SOMMAIRE

PRÉSENTATION

3

- 3 Instructions Importantes Relatives à la Sécurité
- 6 Spécifications PC Recommandées
- 6 Caractéristiques Recommandées Pour La Carte Mémoire Micro SD/SDHC/SDXC
- 6 NAS — Indications du fabricant
- 7 Contenu
- 8 D'un Coup d'œil

INSTALLATION ET CONNEXION

9

- 9 Installation
- 16 Connexion à d'autres Périphériques

CONNEXION ET CONFIGURATION RÉSEAU

19

- 19 Connecter la Caméra Directement au Réseau de Zone Locale
- 19 Connexion de la Caméra Directement à un Modem DSL/Câble Basé Sur le Protocole DHCP
- 20 Boutons Utilisés Sous IP Installer
- 20 Configuration de l'adresse IP Fixe
- 22 Configuration de l'adresse IP Dynamique
- 22 Configuration de la Redirection de la Plage de Ports (Mappage de Ports)
- 23 Connexion à la Caméra Depuis Un Ordinateur Local Partagé
- 23 Connexion à la Caméra Depuis Un Ordinateur Distant Via Internet

VISIONNEUR WEB

24

- 24 Connexion à la Caméra
- 25 Réglage du mot de passe
- 25 Login
- 25 Installation de la visionneuse Web de la caméra

ANNEXES

26

- 26 Spécifications
- 28 Vue du Produit
- 28 Résolution de Problèmes
- 30 Open Source Announcement

SPÉCIFICATIONS PC RECOMMANDÉES

- CPU : Intel(R) Core(TM) i7 3.4 GHz ou supérieur
 - Système d'exploitation pris en charge : MS Windows, Mac OS X
 - Navigateurs Web supportés : Google Chrome, MS Edge, Mozilla Firefox(Supporté uniquement sur Windows 64bit), Apple Safari (supporté uniquement sur Mac OS X)
- Veuillez consulter l'annexe pour obtenir des informations détaillées sur les systèmes d'exploitation et les navigateurs vérifiés.
- Certaines fonctions peuvent être restreintes même pour les navigateurs compatibles.

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
QNAP/SYNOLOGY	Le nombre maximum de caméras pouvant avoir accès simultanément est de 16.

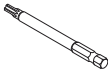


- Si vous utilisez de l'équipement NAS à des fins autres que de la sauvegarde vidéo, le nombre de caméras accessibles peut diminuer.

CONTENU

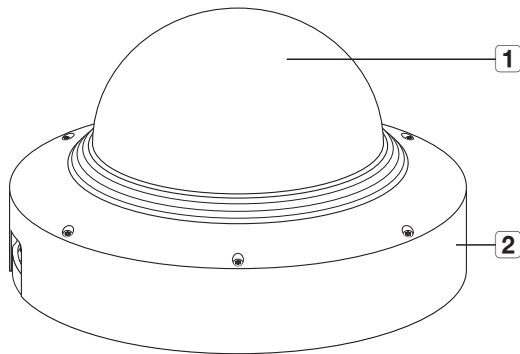
Veuillez vérifier si votre caméra et l'ensemble de ses accessoires sont contenus dans l'emballage du produit.
(l'accessoire varie selon le pays de vente.)

Apparence	Nom de l'élément	Quantité	Description
	Caméra	1	
	Manuel d'utilisation, CD du logiciel Installer	1	
	Guide de prise en main rapide (En option)	1	
	Carte de garantie (En option)	1	
	Bornier de raccordement	1	Raccordé à la prise d'alimentation
	Gabarit	1	Guide d'installation du produit
	Câble d'alimentation	1	Utilisé pour raccorder le port d'alimentation
	Câble audio/alarme	1	Utilisé pour raccorder les ports audio et alarme
	Bague de câble	1	Utilisé pour connecter le câble LAN d'un diamètre de Ø 7 ~ 8,5.
		1	Utilisé pour connecter le câble LAN d'un diamètre de Ø 5 ~ 6,5.

Apparence	Nom de l'élément	Quantité	Description
	Clé à ouverture fixe (en forme de L)	1	Utilisé pour retirer et remplacer le couvercle du dôme
	Vis autotaraudeuse	4	Permet de procéder à l'installation au plafond ou au mur
	Bride d'ancrage en plastique	4	Permet de fixer une vis, à insérer dans un trou (force d'ancrage renforcée)
	Vis de mécanique	4	Utilisées pour l'assemblage du boîtier du dôme lors de l'installation du produit sur le tube, en montage mural, etc. ou pour l'obstruction d'un trou.
	Installeur de bouchon	1	Sert à connecter le câble RJ45
	Agent d'absorption de moisissures pour cartes	1	Associé une fois après installation.
	Foret	1	Utilisé pour le démontage, l'assemblage et l'installation de la caméra.

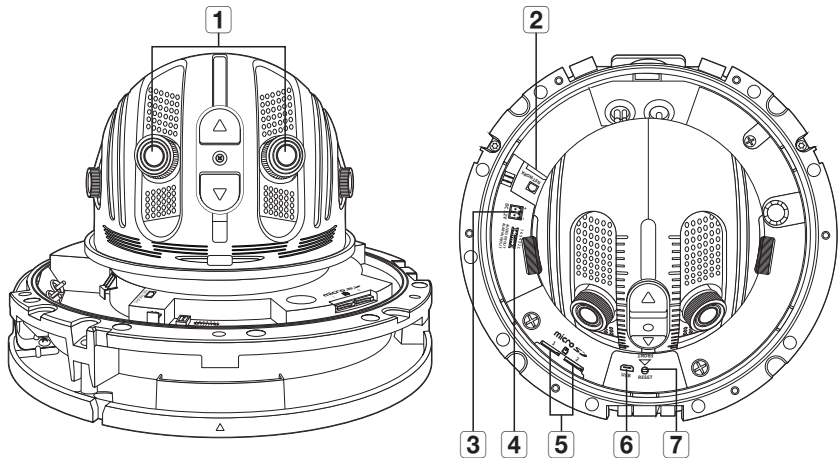
D'UN COUP D'ŒIL

Apparence



Élément	Description
1 Couverture dôme	Couvercle du boîtier utilisé pour protéger l'objectif et l'unité principale.
2 Boîtier de la caméra	Partie boîtier couvrant le corps de la caméra.

Composants



Élément	Description
1 Objectif	4 lentilles de caméra créent une image panoramique.
2 Port Réseau	Une borne qui se connecte sur PoE+ ou LAN via le câble RJ-45.
3 Port d'alimentation	Port pour le bloc de jonction d'alimentation.
4 Câble et port audio et alarme	Branchez le câble audio et alarme à ce port afin de connecter l'appareil avec un périphérique d'alarme externe / microphone / haut-parleur.
5 Compartiment de la carte mémoire Micro SD	Compartiment de la carte mémoire Micro SD.
6 Port MICRO USB	Port pour connecter le dongle WiFi. Vous pouvez vérifier la vidéo d'installation via les applications installées sur le smartphone. Reportez-vous à la section "Connexion au dongle WiFi" à la page 16. ■ Le dongle WiFi et l'adaptateur OTG sont vendus séparément.
7 Bouton de réinitialisation	Le bouton permet de restaurer tous les réglages de la caméra sur leur valeur par défaut. Appuyez dessus pendant 5 secondes pour relancer le système. ■ Si vous réinitialisez la caméra, les réglages réseau seront ajustés de sorte que le serveur DHCP puisse être activé. En l'absence de serveur DHCP au sein du réseau, vous devez lancer le programme d'installation IP Installer pour modifier les réglages réseau de base, tels que l'adresse IP, le masque de sous-réseau, la passerelle, etc., avant de pouvoir vous connecter au réseau.

INSTALLATION

- ! ■ Cette caméra est étanche et en conformité avec les spécifications de la norme 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.

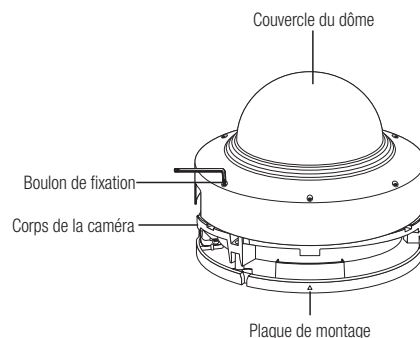
Précautions à prendre avant l'installation

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

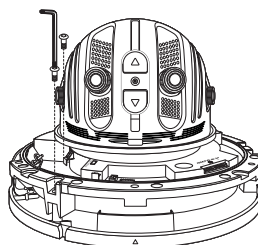
- Sélectionner un lieu d'installation qui peut supporter au moins 5 fois le poids de la caméra.
- L'utilisation de câbles recollés ou effilochés peut endommager le produit et provoquer un incendie.
- Pour des raisons de sécurité, ne laissez personne d'autre que vous sur le site de l'installation. Ne 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.

Démontage

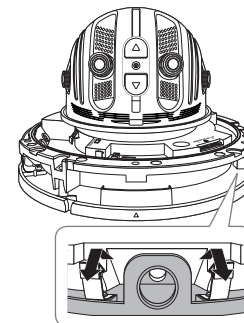
1. Retirez le couvercle du dôme en desserrant le boulon de fixation du couvercle du dôme. Cela peut être effectué en le tournant dans le sens inverse des aiguilles d'une montre en utilisant une clé Allen ou un foret fourni.



2. Desserrez la vis de fixation sur le corps de la caméra.

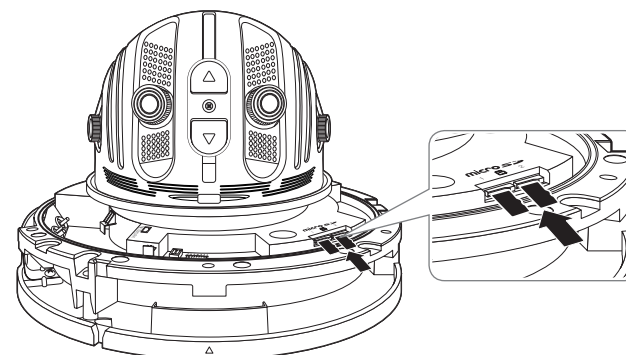


3. Retirez le corps de la caméra et la plaque de montage en tirant sur le ressort de la plaque, comme illustré sur la figure.



Insertion d'une carte mémoire Micro SD

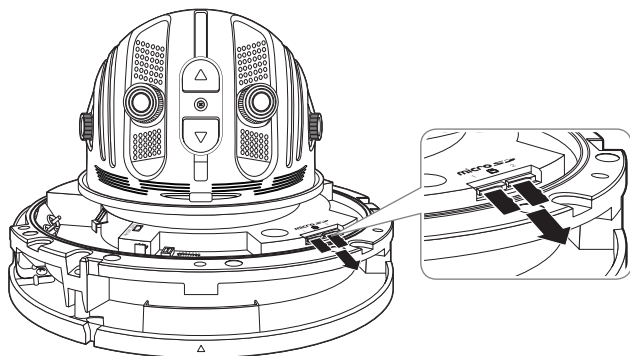
1. Retirez le couvercle du dôme de la caméra.
2. Insérez une carte Micro SD en suivant la direction de la flèche du schéma.



- ! ■ Déconnectez le câble d'alimentation de la caméra avant d'y insérer la carte mémoire Micro SD.
- 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.
 - Le désassemblage du couvercle du produit doit être terminé dans un délai de 5 minutes. Sinon, il y a un risque de condensation interne.
 - 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 dus à une chute ou perte de pièces.

Retrait d'une carte mémoire Micro SD

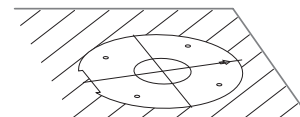
Appuyer doucement vers le bas sur l'extrémité exposée de la carte mémoire comme indiqué dans le diagramme pour éjecter la carte mémoire de la fente.



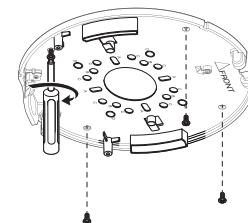
- Prévoyez une carte SD pour chaque canal.
- Veuillez noter que si vous appuyez fermement et relâchez la carte mémoire Micro SD quand elle est éjectée, elle peut sortir.
- Avant de retirer la carte mémoire Micro SD, dans **<Stockage>**, réglez le dispositif sur **<Désactivé>** et appuyez sur le bouton **[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 sur un plafond ou un mur

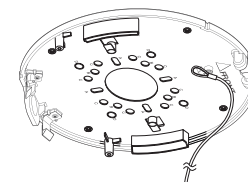
1. Utilisez le gabarit fourni pour percer des trous pour l'installation (diamètre 6 mm et profondeur minimale 45 mm) et insérez les chevilles en plastique fournies à la fin.



2. Alignez les trous d'installation de la plaque de fixation avec les trous où sont insérées les chevilles en plastique, puis vissez les vis taraudeuses.



3. Raccordez le câble de sécurité.



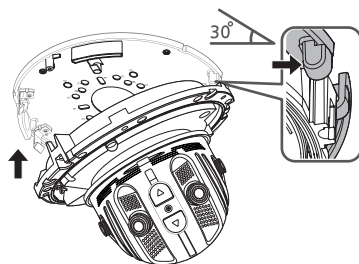
4. Fixez le corps de la caméra à la plaque de fixation.
- Installez-le de façon à ce qu'il rentre dans les charnières comme illustré sur l'image.

5. Raccordez la borne à l'intérieur de la caméra avec le câble adapté.

6. Enfoncez le ressort à goupille.

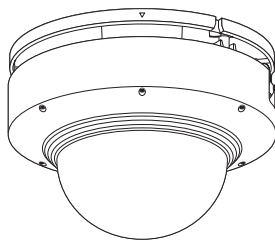
7. Ajustez l'objectif à la direction souhaitée en vous référant à "**Réglage de l'orientation de la caméra de surveillance**". (Page 15)

- Si vous inclinez l'objectif, vous devrez peut-être ajuster l'objectif car cela pourrait bloquer l'écran.



8. Assembler le couvercle du dôme.

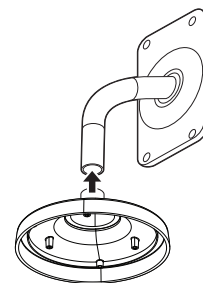
- Alignez les flèches lors de l'assemblage du couvercle du dôme.
- Afin de vous assurer qu'il n'y a aucun problème avec l'imperméabilisation, serrez les boulons de fixation fortement en utilisant la clé Allen ou un foret.
- Détachez la protection en vinyle qui recouvre l'intérieur/extérieur du cache du dôme.



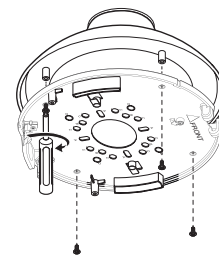
Fixation de l'adaptateur (dégroulé)

Choisissez et achetez parmi les options suivantes (dégroupées) celle qui est adaptée au site d'installation ou celle qui vous convient le mieux.

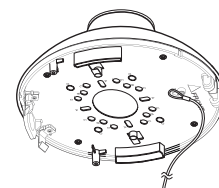
1. Installez le support de fixation suspendu à l'adaptateur de fixation murale.
- Les adaptateurs de fixation murale et les supports de fixation suspendus sont vendus séparément.



2. Connectez la plaque de montage et le support suspendu.



3. Raccordez le câble de sécurité.



4. Fixez le corps de la caméra à la plaque de fixation.
 - Installez-le de façon à ce qu'il rentre dans les charnières comme illustré sur l'image.

5. Raccordez la borne à l'intérieur de la caméra avec le câble adapté.

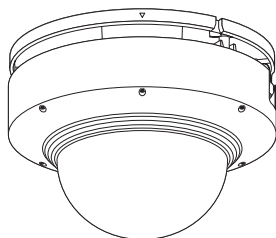
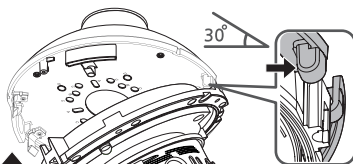
6. Enfoncez le ressort à goupille.

7. Ajustez l'objectif à la direction souhaitée en vous référant à **"Réglage de l'orientation de la caméra de surveillance"**. (Page 15)

- Si vous inclinez l'objectif, vous devrez peut-être ajuster l'objectif car cela pourrait bloquer l'écran.

8. Assemblez le couvercle du dôme.

- Alignez les flèches lors de l'assemblage du couvercle du dôme.
- Afin de vous assurer qu'il n'y a aucun problème avec l'imperméabilisation, serrez les boulons de fixation fortement en utilisant la clé Allen ou un foret.
- Détachez la protection en vinyle qui recouvre l'intérieur/extérieur du cache du dôme.



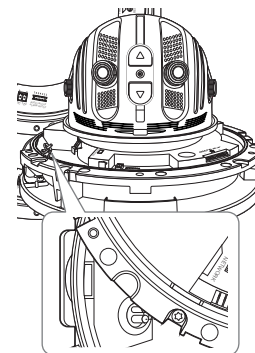
Méthode 1. Connexion du câble d'alimentation étanche et du câble LAN

1. Retirez le couvercle du dôme et le boîtier.

2. Tirez sur la longue partie projetée de la prise en caoutchouc en partie inférieure, et retirez-la ainsi qu'illustré sur la figure.

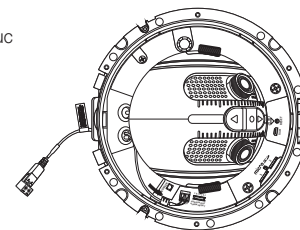


- Utilisez une bague de câble appropriée pour connecter le câble LAN.
 - Caméra de base : utilisez le câble d'un diamètre de Ø 5 ~ 6,5.
 - Composants fournis : utilisez le câble d'un diamètre de Ø 7 ~ 8,5.



3. Insérez le câble d'alimentation dans le petit trou qui s'est formé lorsque vous avez retiré la partie projetée de la prise en caoutchouc à l'étape 2 ci-dessus.

4. Raccordez le câble d'alimentation au bloc de jonction d'alimentation.

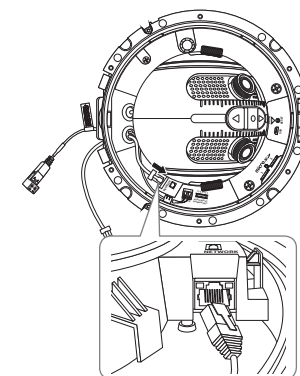


5. Insérez le câble LAN dans le grand trou qui s'est formé lorsque vous avez retiré la partie projetée de la prise en caoutchouc à l'étape 2 ci-dessus.

6. Retirez la gaine à l'aide d'une pince coupe-câble et alignez les câbles.

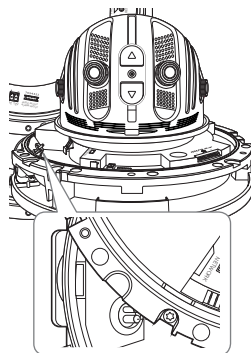
7. Raccordez le câble LAN avec un connecteur LAN et insérez-le dans l'outil LAN.

8. Raccordez le câble fini au port Ethernet.

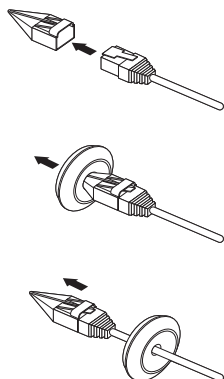


Méthode 2. Connexion du câble d'alimentation étanche et du câble LAN

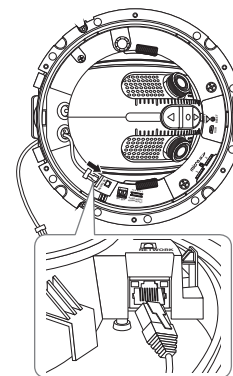
1. Retirez le couvercle du dôme et le boîtier.
2. Tirez sur la longue partie projetée de la prise en caoutchouc en partie inférieure, et retirez-la ainsi qu'illustré sur la figure.
3. Tirez le couvercle en caoutchouc sur le trou pour l'enlever.



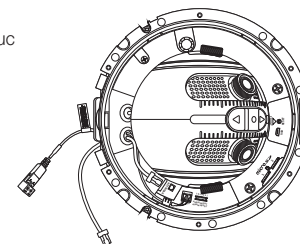
4. Utilisez l'installateur de capuchon pour permettre le passage du câble RJ45.



5. Insérez à nouveau le bouchon en caoutchouc et connectez le câble LAN à la borne Ethernet.

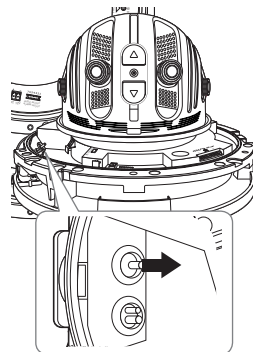


6. Insérez le câble d'alimentation dans le petit trou qui s'est formé lorsque vous avez retiré la partie projetée de la prise en caoutchouc à l'étape 2 ci-dessus.
7. Raccordez le câble d'alimentation au bloc de jonction d'alimentation.

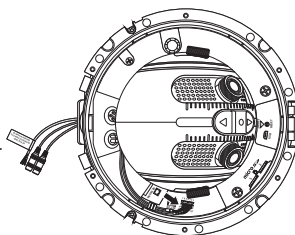


Câble de connexion audio / alarme

1. Retirez le couvercle du dôme et le boîtier.
2. Tirez sur la longue partie projetée de la prise en caoutchouc en partie inférieure, et retirez-la ainsi qu'illustré sur la figure.



3. Insérez le câble audio / d'alarme dans le trou en retirant la fiche en caoutchouc à l'étape 2, et connectez le câble à la borne d'alarme PCB.
4. Alignez le câble de manière à ce qu'il ne soit pas endommagé ou enroulé lors de l'installation de la caméra.
5. Mettez la fiche en caoutchouc du câble audio / alarme dans le trou.
6. Réglez l'orientation de l'objectif selon la position souhaitée en vous reportant à la section « **Reglage de l'orientation de la camera de surveillance** ». (page 15)
7. Fixez le couvercle du dôme.



Installation de l'adaptateur de montage en optionnel

Choisissez et achetez parmi les options suivantes (dégroupées) celle qui est adaptée au site d'installation ou celle qui vous convient le mieux.

1. Retirez le couvercle du dôme du boîtier en vous référant au chapitre « **Démontage** ». (page 9)
2. Fixez le boîtier de la caméra à l'adaptateur de montage optionnel à l'aide des vis mécaniques fournies avec la caméra.
3. Connectez et disposez les câbles nécessaires de sorte à éviter de les endommager ou de les coincer lors de l'installation de la caméra.
4. Procédez au montage de la caméra dans l'ordre inverse indiqué à la section « **Démontage** ».
5. Réglez l'orientation de l'objectif selon la position souhaitée en vous reportant à la section « **Reglage de l'orientation de la camera de surveillance** ». (page 15)
6. Refermez le couvercle du dôme.
 - Afin de vous assurer qu'il n'y a aucun problème avec l'imperméabilisation, serrez les boulon de fixation fortement en utilisant la clé Allen ou un foret.

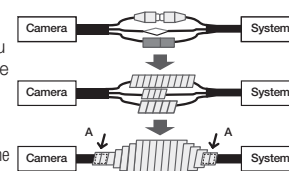
Installation extérieure

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.



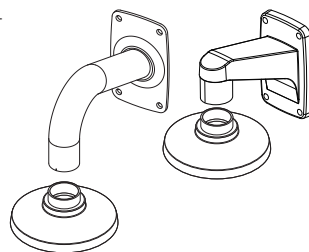
- Si la gaine du câble noir n'est pas correctement rendue étanche, elle peut directement provoquer une fuite. Assurez-vous de protéger le câble avec une large épaisseur de ruban.
- Le ruban étanche en caoutchouc butylique est fait de caoutchouc butylique qui peut être étendu jusqu'au double de sa longueur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



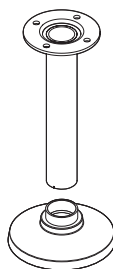
Accessoires en option pour l'installation

Pour faciliter l'installation, vous pouvez acheter les accessoires appropriés disponibles en option.

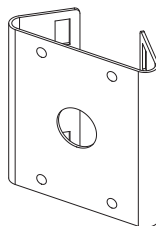
1. ADAPTATEUR POUR FIXATION MURALE (SBP-300WM ou SBP-300WM1) / ADAPTATEUR POUR FIXATION SUSPENDUE (SBP-276HM)
C'est un adaptateur de montage qui est utilisé pour l'installation de la caméra dôme sur le mur.



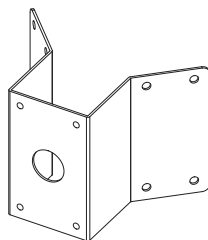
2. ADAPTATEUR POUR FIXATION AU PLAFOND (SBP-300CM) / ADAPTATEUR POUR FIXATION SUSPENDUE (SBP-276HM)
C'est un adaptateur de montage utilisé pour l'installation de la caméra dôme sur un plafond en béton.



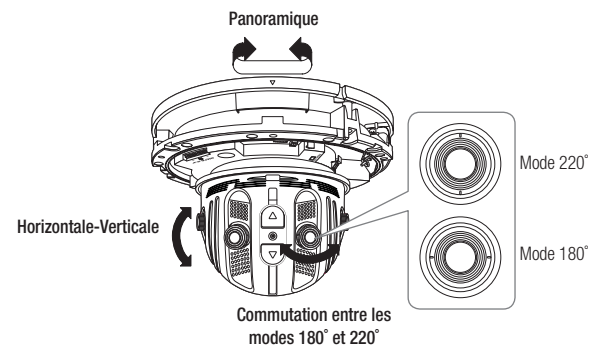
3. ADAPTATEUR POUR FIXATION SUR POTEAU (SBP-300PM)
C'est un adaptateur de montage utilisé pour l'installation d'un adaptateur de montage mural (SBP-300WM ou SBP-300WM1) sur une colonne d'un diamètre de 80mm ou plus.



4. ADAPTATEUR POUR FIXATION D'ANGLE (SBP-300KM)
C'est un adaptateur de montage utilisé pour l'installation d'un adaptateur de montage mural (SBP-300WM ou SBP-300WM1) à l'angle d'un mur.



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 355 degrés.
- La plage effective de l'inclinaison couvre un angle total de 60 degrés.

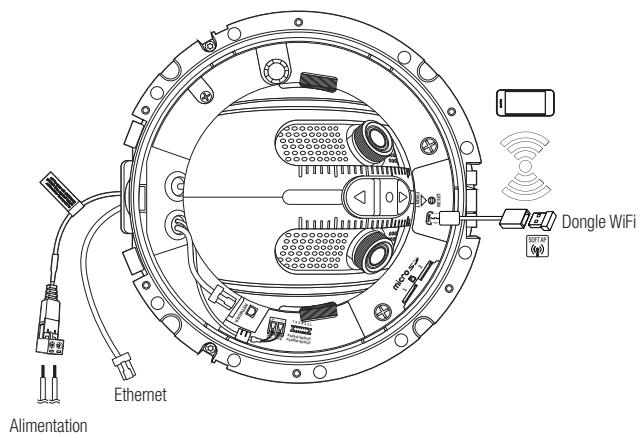


- L'image peut être recouverte par le boîtier de la caméra en fonction de l'angle.

■ Méthodes de réglage

1. Après avoir installé la caméra en fonction de la direction à surveiller, ajustez l'angle Pan.
2. Réglez l'angle d'inclinaison de sorte que la caméra soit face à l'objet à surveiller.
3. Tournez l'objectif pour sélectionner le mode 180°/220°.

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'adaptateur 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.

- En cas d'application simultanée d'un PoE+ et d'un courant CC 12 V, la caméra est alimentée à partir du CC 12 V.
 - 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 IEEE802.3at.
 - Il est conseillé d'utiliser uniquement une source d'alimentation PoE+ et 12V CC.
- Prenez soin de ne pas inverser la polarité en connectant le câble d'alimentation.
- Si vous voulez connecter un périphérique externe, vous devez éteindre le périphérique externe avant de poursuivre.

Caractéristiques du câble d'alimentation

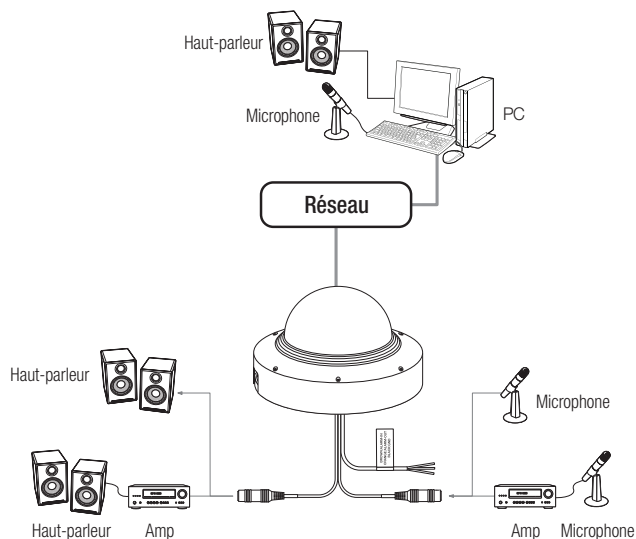
Dans le cas d'une alimentation en 12 V CC :

Type de fil (AWG)	#22	#20	#18
Longueur de câble (Max.)	24m	38m	60m

Spécifications du câble réseau

Élément	Contenus	Remarque
Connecteur	RJ45 (10/100/1000BASE-T)	
Ethernet	10/100/1000BASE-T	Pour fonctionner avec un 1000BASE-T (Gigabit Ethernet), un câble de catégorie 6 (UTP-6) ou supérieure doit être utilisé pour le hub Giga.
Câble	6 catégorie UTP	
Distance max.	100 M	Résistance CC ≤ 0,188 Ω/m
Support du PoE+	IEEE 802.3at	

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.
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

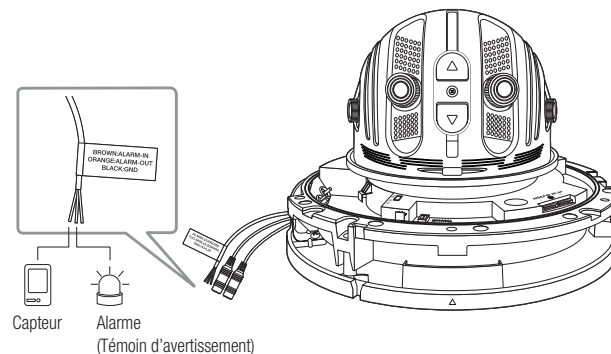
- Entrée Audio : G.711 PCM (Vitesse de transmission : 64Kbps / Fréquence d'échantillonnage : 8kHz), G.726 ADPCM (Vitesse de transmission : 16Kbps, 24Kbps, 32Kbps, 40Kbps / Fréquence d'échantillonnage : 8kHz), AAC (Vitesse de transmission : 48Kbps / Fréquence d'échantillonnage : 16kHz)

• Audio duplex complet

- **Entrée audio** : 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

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 18)

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

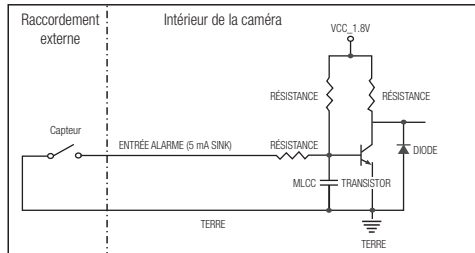
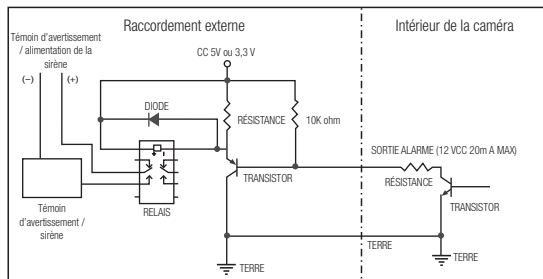


Schéma de câblage de sortie de l'alarme

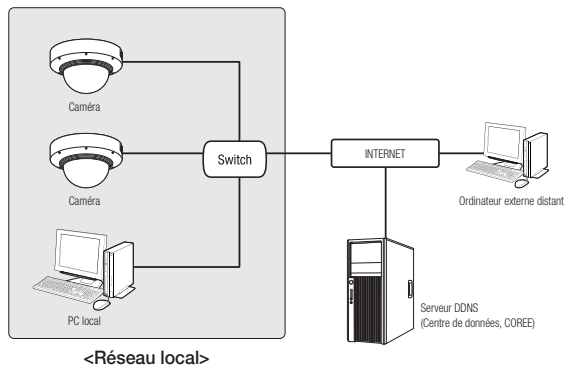


Vous pouvez configurer les paramétrages de réseau en fonction de vos configurations de réseau.

CONNECTER LA CAMÉRA DIRECTEMENT AU RÉSEAU DE ZONE LOCALE

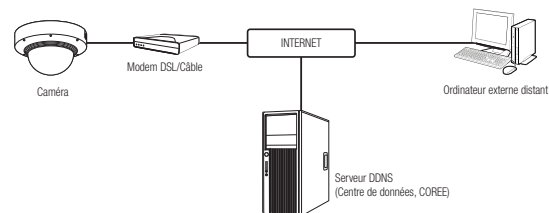
Se connecte à la caméra à partir d'un PC local sur le LAN

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



- 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.
- Dans le programme d'installation IP, vous pouvez utiliser le mot de passe initial, "4321" pour définir l'adresse IP, le masque de sous réseau, la passerelle, le port HTTP, le port VNP et le type d'IP. Après avoir changé l'interface réseau, pour une meilleure sécurité, accédez au navigateur Web et modifiez le mot de passe.
- 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 changer l'adresse IP, utilisez le programme d'installation IP. Pour obtenir de plus amples détails sur l'utilisation du programme d'installation IP, reportez-vous à la section « Configuration de l'adresse IP Fixe ». (Page 20)

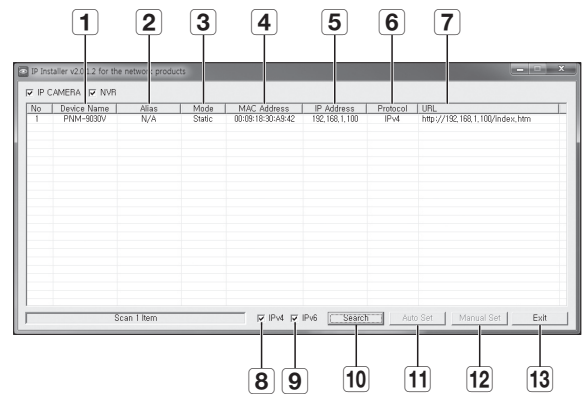
CONNEXION DE LA CAMÉRA DIRECTEMENT À UN MODEM DSL/CÂBLE BASÉ SUR LE PROTOCOLE DHCP



1. Connectez l'ordinateur utilisateur directement à la caméra réseau.
2. Exécutez le programme d'installation IP et changez l'adresse IP de la caméra afin d'utiliser le navigateur Web sur votre poste pour la connexion à l'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.

BOUTONS UTILISÉS SOUS IP INSTALLER



Élément	Description
1 Device Name	Nom du modèle de la caméra connectée. Cliquez sur la colonne pour trier la liste par nom de modèle. Cependant, si vous cliquez dessus durant la recherche, celle-ci sera interrompue.
2 Alias	Cette fonction n'est pas appliquée pour le moment.
3 Mode	Affiche <Static> ou <Dynamic> pour l'état de connexion réseau actuel.
4 MAC(Ethernet) Address	Adresse Ethernet de la caméra connectée. Cliquez sur la colonne pour trier la liste par adresse Ethernet. Cependant, si vous cliquez dessus durant la recherche, celle-ci sera interrompue.
5 IP Address	Adresse IP. Cliquez sur la colonne pour trier la liste par adresse IP. Cependant, si vous cliquez dessus durant la recherche, celle-ci sera interrompue.
6 Protocol	Réglage réseau de la caméra. Le réglage par défaut est « IPv4 ». Les caméras ayant un réglage en IPv6 affichent « IPv6 ».
7 URL	Adresse URL du serveur DDNS autorisant l'accès à partir d'un système Internet externe. Cependant, cette option sera remplacée par le réglage <IP Address> de la camera en cas d'échec de l'enregistrement DDNS.
8 IPv4	Recherche les caméras réglées sur IPv4.

Élément	Description
9 IPv6	Recherche les caméras réglées sur IPv6. Activé uniquement dans un environnement compatible IPv6.
10 Search	Recherche les caméras actuellement connectées au réseau. Cependant, ce bouton sera grisé si aucun des réglages IPv4 ou IPv6 n'est sélectionné.
11 Auto Set	Le programme d'installation IP configure automatiquement les réglages réseau.
12 Manual Set	Vous devez configurer les réglages réseau manuellement.
13 Exit	Quitte le programme IP Installer.

- En ce qui concerne le programme d'installation IP Installer, utilisez uniquement la version fournie sur le CD d'installation ou la dernière version disponible de l'application. Vous pouvez télécharger la version la plus récente du produit sur le site Internet de Hanwha Vision.
- Le programme Device Manager peut être téléchargé depuis le menu <Support> – <Online Tool> du site Web d'Hanwha Vision (<https://www.HanwhaVision.com>).

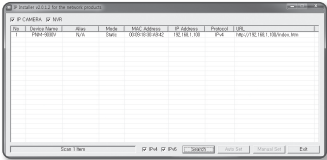
CONFIGURATION DE L'ADRESSE IP FIXE

Configuration réseau manuelle

Exécutez <IP Installer_v2.XX.exe> pour afficher la liste des résultats de la recherche de caméras. Au démarrage initial, les deux options [Auto Set] et [Manual Set] sont grisées.

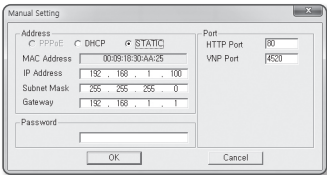
- Pour les caméras trouvées ayant un réglage IPv6, ces boutons sont grisés car ces cameras ne prennent pas en charge cette fonction.

1. Sélectionnez une caméra dans la liste de recherche.
Vérifiez l'adresse MAC de la caméra sur l'étiquette de la caméra.
Les boutons [Auto Set] et [Manual Set] sont alors activés.
2. Cliquez sur [Manual Set].
La boîte de dialogue Manual Setting apparaît.
<IP Address>, <Subnet Mask>, <Gateway>, <HTTP Port>, et <VNP Port> de la caméra sont affichés avec les valeurs préréglées.



3. Renseignez les informations nécessaires dans la sous-fenêtre <Address>.
 - MAC (Ethernet) Address : L'adresse MAC imprimée sur l'étiquette de la caméra est automatiquement affichée et ne nécessite aucun réglage utilisateur.

- Les paramètres liés à l'adresse IP ne peuvent être réglés que lorsque DHCP n'est pas sélectionné.



Si vous n'utilisez pas de Routeur large bande

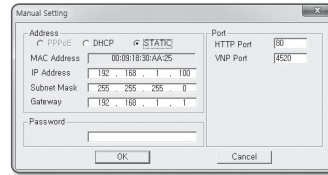
Pour le réglage des options <IP Address>, <Subnet Mask> et <Gateway>, contactez votre administrateur réseau.

4. Renseignez les informations nécessaires dans la sous-fenêtre <Port>.

- 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.

5. Entrez le mot de passe.

Entrez le mot de passe du compte « **admin** » qui a été utilisé pour accéder à la caméra.



- ! Pour des raisons de sécurité, il est recommandé d'utiliser une combinaison de chiffres, de lettres majuscules et minuscules et caractères spéciaux pour votre mot de passe.

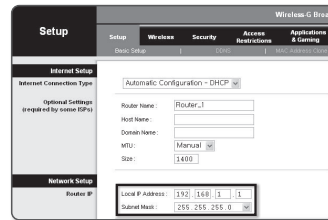
- Pour plus d'informations sur la modification du mot de passe, reportez-vous à l'aide en ligne de Web Viewer.

6. Cliquez sur [OK].

La configuration réseau manuelle est ainsi terminée.

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 22)

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 192.168.1.100	192.168.1.101
	Subnet Mask 255.255.255.0	255.255.255.0
	Gateway 192.168.1.1	192.168.1.1
Réglages de port	HTTP Port 8080	8081
	VNP Port 4520	4521

- ✍ 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.

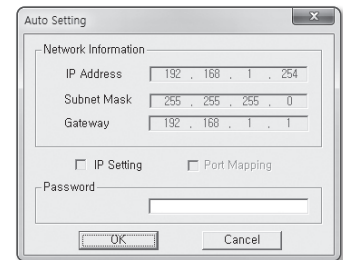
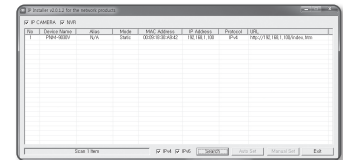
ex.) http://IP address : HTTP Port
http://192.168.1.100:8080

Configuration réseau automatique

Exécutez <IP Installer_v2.XX.exe> pour afficher la liste des résultats de la recherche de caméras.
Au démarrage initial, les deux options [Auto Set] et [Manual Set] sont grisées.

- ✍ Pour les caméras trouvées ayant un réglage IPv6, ces boutons sont grisés car ces caméras ne prennent pas en charge cette fonction.

1. Sélectionnez une caméra dans la liste de recherche.
Vérifiez l'adresse MAC de la caméra sur l'étiquette de la caméra.
Les boutons [Auto Set] et [Manual Set] sont alors activés.
2. Cliquez sur [Auto Set].
La boîte de dialogue Auto Setting apparaît.
Les options <IP Address>, <Subnet Mask> et <Gateway> sont automatiquement réglées.
3. Entrez le mot de passe.
Entrez le mot de passe du compte « **admin** » qui a été utilisé pour accéder à la caméra.



- ! Pour des raisons de sécurité, il est recommandé d'utiliser une combinaison de chiffres, de lettres majuscules et minuscules et caractères spéciaux pour votre mot de passe.
- Pour plus d'informations sur la modification du mot de passe, reportez-vous à l'aide en ligne de Web Viewer.

4. Cliquez sur [OK].

La configuration réseau automatique est ainsi terminée.

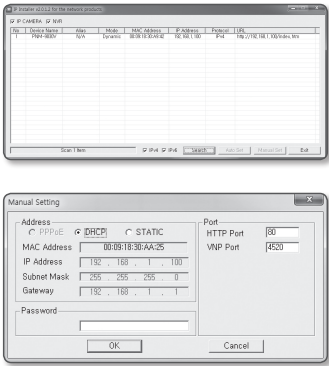
CONFIGURATION DE L'ADRESSE IP DYNAMIQUE

Configuration de l'environnement IP Dynamique

- 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

Vérification de l'adresse IP Dynamique

- Exécutez le programme IP Installer sur l'ordinateur local de l'utilisateur.
Les caméras attribuées avec l'adresse <Dynamic IP> sont indiquées dans la liste.
- Sélectionnez une caméra parmi les résultats de la recherche.
- Cliquez sur le bouton [Manual Set] et vérifiez l'adresse <Dynamic IP> de la caméra.
Si vous désélectionnez <DHCP>, vous pourrez modifier la valeur de l'option IP en réglant sur <Static>.

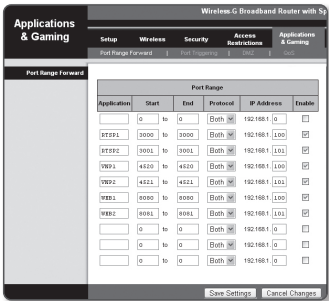


CONFIGURATION DE LA REDIRECTION DE LA PLAGE DE PORTS (MAPPAGE DE PORTS)

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

- 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.
- Sélectionnez <TCP> et <UDP Port> pour chacune des caméras 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.



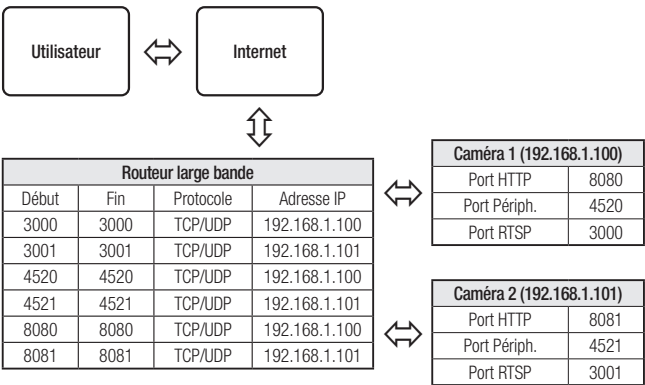
- Une fois terminé, cliquez sur [Save Settings].
Vos réglages seront ainsi sauvegardés.

- Les instructions des exemples ci-dessus sont basées sur le Routeur large bande de 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 :



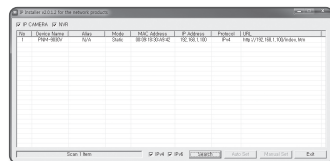
- La redirection de port peut être réalisée sans paramétrage supplémentaire du routeur si celui-ci supporte la fonction UPnP.
Après avoir connecté la caméra réseau, cochez la case à cocher dans le menu <Connexion rapide> dans <DDNS> dans "Paramètres -> Réseau -> DDNS".

CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR LOCAL PARTAGÉ

1. Exécutez le programme d'installation IP.
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

L'utilisation du programme d'installation IP sur un ordinateur à distance n'appartenant pas à la grappe du réseau du Routeur large bande n'est pas autorisé, les utilisateurs peuvent accéder aux caméras au sein du réseau du Routeur large bande en utilisant l'adresse 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>

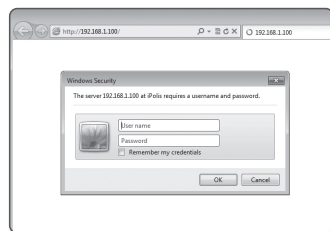


- Pour plus d'informations sur l'enregistrement du DDNS, reportez-vous au guide de configuration du réseau.

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.

Lorsque la fenêtre « **Confirm new password** » apparaît, saisissez le nouveau mot de passe.



- 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.

Administrator password change

New password

Confirm new password

. If the password is 8 to 9 letters long, then it should be a combination of at least three types upper/lower case alphabetic, numbers and special characters.
 . If the password is 10 to 15 letters long, then it should be a combination of at least two types upper/lower case alphabetic, numbers and special characters.
 . User name should be different from password.
 . The following special characters are available for use: ~!@#%&'()*_-+=[] ;./?
 . Don't use 4 or more characters consecutive together (examples: 1234, abcd)
 . Don't use 4 or more characters repeated (examples: 1111, 1111, 1111)

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.

Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel

INSTALLATION DE LA VISIONNEUSE WEB DE LA CAMÉRA

1. Cliquez sur l'icône **[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.

SPÉCIFICATIONS

Éléments		Description
Vidéo	Système imageur	1/2.8" 5M CMOS x 4CH
	Nombre total de pixels	2,704(H) x 2,104(V) 5.69M x 4CH
	Nombre de pixels réels	2,616(H) x 1,964(V) 5M x 4CH
	Système de balayage	Balayage progressif
	Luminosité minimale	Couleur : 0,15 lux (F2.0, 1/30 sec, 30IRE) N/B : 0,01 lux (F2.0, 1/30 sec, 30IRE)
	Sortie vidéo	USB : Micro USB Type B, 1280 x 720 pour installation
Objectif	Longueur focale (facteur zoom)	4mm
	Ouverture relative maxi	F2.0
	Champ de vision angulaire	[Mode 180°] H : 180°, V : 70°, [Mode 220°] H : 220°, V : 52°
	Distance minimale de l'objet à l'objectif	3 m (9,84 pi) : Distance minimum recommandée
	Type d'objectif	Focale fixe
	Type montage	Type embarqué (M12)
Rotation / inclinaison	Intervalle panoramique	355°
	Intervalle d'inclinaison	60°
	Plage de rotation	-
Opérationnel	Titre de caméra	Désactivé / Activé (Affichage jusqu'à 75 caractères) - W/W : Anglais / Numérique / Caractères spéciaux - Usuel : Plusieurs lignes (Max 5), Couleur (Gris / Vert / Bleu / Noir / Blanc), Transparence, Mise à l'échelle automatique suivant la résolution
	Jour et Nuit	Auto (ICR) / Couleu / N/B / Programme
	Compensation de rétroéclairage	Désactivé / BLC / WDR
	Plage dynamique étendue	120dB
	Amélioration du contraste	SSDR (Marche / Arrêt)
	Réduction du bruit numérique	SSNRIII (Filtre anti bruit 2D+3D) (Marche / Arrêt)

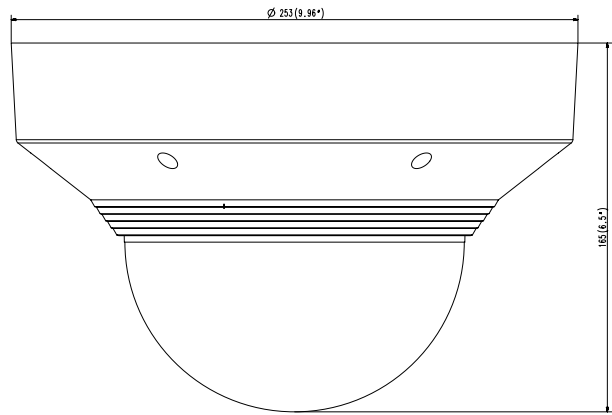
Éléments		Description
Opérationnel	LDC	Support
	Dénébuliser	Auto/Manuel/Arrêt
	Détection mouvement	Désactivé / Activé (8ea, 8point zones polygonales), transfert
	Masque de confidentialité	Désactivé / Activé (16ea, zones rectangle) - Couleur : gris, vert, rouge, bleu, noir, blanc - Mosaïque
	Contrôle du gain	Désactivé / Faible / Moyen / Élevé
	Balance Blancs	ATW / AWC / Manuel / Intérieur / Extérieur
	Contraste	Ajustement de niveau
	Vitesse d'obturateur électronique	Minimum / Maximum / Anti scintillement (2 ~ 1/12.000 sec)
	Retourner/Miroir	Retourner : Arrêt/Marche Miroir : Arrêt/Marche
	PTZ numérique	Support
	Analyse vidéo intelligente	Violation, Ralentir, Détection de direction, Ligne virtuelle, Entrée/Sortie, Apparaître/Disparaître, Détection de mouvement, Détection audio, Classification sonore, Carte thermique
	E/S alarme	Entrée 1ea / Sortie 1ea
	Entrée audio	Entrée ligne Tension d'alimentation : 2,5 V CC (4 mA), impédance d'entrée : envir. 2 k Ohms
	Sortie audio	Sortie ligne (mini-jack stéréo 3,5 mm)
	Déclenchements d'alarme	Entree alerte, Détection mvt, Analyse vidéo & audio, Déconnexion réseau
	Événements d'alarme	• Télétransmission de fichiers via FTP, E-mail • Notification par e-mail • Stockage local(SD/SDHC/SDXC) ou enregistrement NAS de l'événement (déclencheurs d'alarme) • Sortie externe
	Comptage de pixels	Support

Éléments		Description
Réseau	Ethernet	RJ-45 (10/100/1000 BASE-T)
	Format de compression vidéo	H.265 (HEVC) : Principal
		H.264 (MPEG-4 Partie 10/AVC) : Principal/Basique/élevé MJPEG
	Résolution	[Mode 180°] 6096x2540, 5760x2400, 5472x2280, 5184x2160, 4800x2000, 4560x1900, 4096x1704, 3840x1600, 2688x1120, 2560x1064, 2048x852, 1920x800, 1280x532, 640x264
		[Mode 220°] 7744x1936, 6096x1524, 5760x1440, 5472x1368, 5184x1296, 4800x1200, 4560x1140, 4096x1024, 3840x960, 2688x672, 2560x640, 2048x512, 1920x480, 1280x320, 640x160
	Vitesse d'enregistrement max.	H.265/H.264 : Max. 30ips pour toutes résolutions MJPEG : Max. 15 fps à 2 MP
	Smart Codec	Mode manuel (fonction de la zone : 5ea)
	WiseStream II	Support
	Réglage de la qualité vidéo	H.264/H.265 : Contrôle du niveau de débit binaire ciblé
		MJPEG : Contrôle du niveau de débit binaire ciblé
	Méthode de contrôle du débit binaire	H.264/H.265 : CBR ou VBR Motion JPEG : VBR
	Fonction de lecture en transit	Diffusion multiple (jusqu'à 5 ou 3 profils pour chaque canal)
Réseau	Format de compression audio	G.711 µ-law /G.726 sélectionnable G.726 (ADPCM) 8 kHz, G.711 8 kHz G.726 : 16 kb/s, 24 kb/s, 32 kb/s, 40 kb/s AAC-LC : 48Kbps à 16KHz
	Communication audio	Bidirectionnel (Bidirectionnel)
	IP	IPv4, IPv6
Réseau	Protocole	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP

Éléments		Description
Réseau	Sécurité	Authentification de l'identifiant HTTPS(SSL) Authentification de l'identifiant en abrégé Filtrage de l'adresse IP Journal d'accès des utilisateurs Authentification 802.1X (EAP-TLS, EAP-LEAP)
	Méthode de lecture en transit	Diffusion individuelle / multiple
	Nombre maximal d'utilisateurs en accès	15 utilisateurs max en mode Diffusion individuelle
	Edge storage	SD/SDHC/SDXC (jusqu'à 256GB) - Les images en mouvement enregistrées dans la carte mémoire SD/SDHC/SDXC peuvent être téléchargées. NAS (Serveur de stockage en réseau) PC local pour un enregistrement instantané
	Interface de programmation de l'application	ONVIF Profile S/G SUNAPI(HTTP API)
	Langue de la page Web	Anglais, Français, Allemand, Espagnol, Italien, Chinois, Coréen, Russe, Japonais, Suédois, Portugais, Tchèque, Polonais, Turc, Néerlandais, Hongrois, Grec
Environnemental	Web Viewer	Système d'exploitation pris en charge : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Navigateur pris en charge : Google Chrome 63, MS Edge 41, Mozilla Firefox 57 (Supporté uniquement sur Windows 64bit), Apple Safari 11 (supporté uniquement sur Mac OS X)
	Logiciel de gestion centrale	Smart viewer, SSM
	Température / Humidité de fonctionnement	-40°C ~ +55°C (-40°F ~ +131°F) / Moins de 90 % d'humidité. * La mise en route doit être effectuée à une température supérieure à -30°C
	Température / Humidité de stockage	-40°C ~ +60°C (-40°F ~ +140°F) / Moins de 90 % d'humidité relative
	Protection captage	IP66
	Résistance au vandalisme	IK10
Électrique	Tension d'entrée / Courant	PoE+(IEEE802.3at Class4), CC 12V
	Consommation d'énergie	Max 25.5W (PoE+), Max 21.0W (CC 12V)
Mécanique	Couleur / Matériau	Ivoire/Aluminium
	Dimensions (ØxH)	Ø253mm x H165mm (Ø9.96" x H6.5")
	Poids	3.2kg

VUE DU PRODUIT

Unité : mm (pouce)



RÉSOLUTION DE PROBLÈMES

PROBLÈME	SOLUTION
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 d'installateur IP.	• 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.
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.

PROBLÈME	SOLUTION
Après avoir « activé » <Détection mvt> dans <Analyse>, aucun fichier n'est transmis par e-mail même si un événement d'analyse vidéo s'est produit sur la caméra.	• 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	
mtdd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtdd-utils
mi-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	
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Component Name	License	URL
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neon-0.29.6	LGPL 2.0	http://www.webdav.org/neon/

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain. sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

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

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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.

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

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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

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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.
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Julian Seward, jseward@bzip.org

bzip2/libbzip2 version 1.0.5 of 10 December 2007

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Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

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](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).



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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, veuillez à séparer les batteries des autres types de déchets et à les recycler via votre système local de collecte gratuite des batteries.

