

# **CAMÉRA RÉSEAU**

Manuel d'utilisation

PNM-9084RQZ/PNM-9085RQZ  
PNM-9084RQZ1/PNM-9085RQZ1



# 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 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. 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 un bloc d'alimentation répertorié portant la mention "classe 2" ou "LPS" et classé à partir de 12 Vcc, 3,2 A ou PoE(55 Vcc), 0,77 A. (PNM-9084RQZ)
16. Ce produit est destiné à être alimenté par un bloc d'alimentation répertorié portant la mention "classe 2" ou "LPS" et classé à partir de 12 Vcc, 3,5 A ou PoE(55 Vcc), 0,82 A. (PNM-9085RQZ)
17. Ne pas utiliser l'alimentation CC et l'injecteur HPOE en même temps.
18. Ce produit est destiné à être alimenté par un courant isolé.
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. Ce modèle doit être monté horizontalement.  
En cas de montage vertical, la caméra pourrait être endommagée en raison d'un dysfonctionnement.

## 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

|                                                                                                                                                                                                                                                |                                                                 |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                                                                             | <b>ATTENTION</b><br>RISQUE DE ECHOC ELECTRIQUE<br>NE PAS OUVRIR |  |
| <p><b>ATTENTION : POUR REDUIRE LES RISQUES DE CHOCS ELECTRIQUES, NE RETIREZ PAS LE COUVERCLE (OU LA PARTIE ARRIERE) LES PIECES INTERIEURES NE SONT PAS ACCESSIBLES A L'UTILISATEUR. FAITES APPEL AU PERSONNEL DE MAINTENANCE QUALIFIE.</b></p> |                                                                 |                                                                                     |

## 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.

La sortie composite de l'appareil est fournie afin de faciliter l'installation et n'est pas recommandée à des fins de surveillance.

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.
- Ne réglez ni ne déplacez la lentille directement avec vos mains. Ce faisant, vous pourriez endommager la lentille ou détériorer ses performances.
- La durée de vie utile de l'entraînement du moteur de l'objectif correspond à 200 rotations.

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.

Nous ne garantissons pas la qualité des produits tiers (par ex., objectifs, accessoires) que vous achetez séparément.

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.

AVERTISSEMENT

Afin de prévenir toute blessure pouvant être occasionnée par la LED IR, ne pas regarder directement la lampe lorsqu'elle est allumée.

Uniquement compatible avec les modèles ci-dessous.

PNM-9084RQZ/PNM-9085RQZ

|                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------|
| Classe de risque 1                                                                                                                   |
| <b>ATTENTION : ce produit émet de la lumière infrarouge.</b><br><b>Ne pas regarder directement la lampe lorsqu'elle est allumée.</b> |
| Produit testé et conforme à la norme IEC 62471.                                                                                      |



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SPÉCIFICATIONS PC RECOMMANDÉES

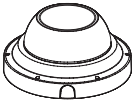
- CPU : Intel(R) Core(TM) i7 3.4 GHz ou supérieur
  - RAM : 8G ou supérieur
  - Navigateur recommandé : Chrome
  - Navigateurs pris en charge : Chrome, Safari, Firefox, MS Edge(chromium based)
  - Système d'exploitation pris en charge : Windows, Mac, Linux, Android, iOS, Chrome
  - Vérification de l'environnement
    - Windows 10 : Google Chrome version 80 ou ultérieure, Firefox version 72 ou ultérieure, MS Edge version 83 ou ultérieure
    - Mac 10.13/14 : Safari version 11.0.1 ou ultérieure
- ※ La performance de lecture vidéo de la visionneuse Web dépend de la performance du CPU (processeur) et du GPU (processeur graphique) de l'utilisateur.

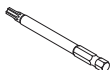
CARACTÉRISTIQUES RECOMMANDÉES POUR LA CARTE MÉMOIRE  
MICRO SD/SDHC/SDXC

- Capacité recommandée : 16 Go à 256 Go (type MLC)
- Fabricants recommandés : SanDisk, Transcend
- Type de produit : Haute endurance
- La compatibilité varie en fonction des fabricants et des types de cartes.
- Il est recommandé d'utiliser une carte mémoire de 16 Go ou plus conforme à la spécification de la classe UHS-3 (type MLC).

CONTENU

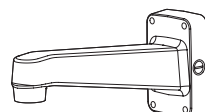
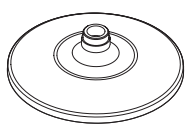
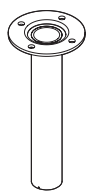
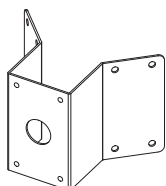
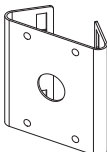
Veuillez vérifier si votre caméra et l'ensemble de ses accessoires sont contenus dans l'emballage du produit. (l'accessoire varie selon le pays de vente.)

| Apparence                                                                           | Nom de l'élément                             | Quantité | Description                                                                             |
|-------------------------------------------------------------------------------------|----------------------------------------------|----------|-----------------------------------------------------------------------------------------|
|  | Caméra                                       | 1        |                                                                                         |
|  | Guide de prise en main rapide<br>(En option) | 1        |                                                                                         |
|  | Gabarit                                      | 1        | Guide d'installation du produit                                                         |
|  | Bornier de raccordement                      | 1        | Raccordé à la prise d'alimentation                                                      |
|  | Câble d'alimentation                         | 1        | Utilisé pour raccorder le port d'alimentation                                           |
|  | Vis de mécanique                             | 4        | Vis utilisées pour le montage de votre caméra sur le support suspendu, le boîtier, etc. |
|  | Installeur de bouchon                        | 1        | Sert à connecter le câble RJ45                                                          |

| Apparence                                                                         | Nom de l'élément   | Quantité | Description                                                             |
|-----------------------------------------------------------------------------------|--------------------|----------|-------------------------------------------------------------------------|
|  | Foret              | 1        | Utilisé pour le démontage, l'assemblage et l'installation de la caméra. |
|  | Bague de câble     | 1        | Bagues de rechange pour câbles LAN ou câbles d'alarme et audio.         |
|  |                    | 1        |                                                                         |
|  | Injecteur HPoE     | 1        | Raccorde à l'alimentation et au réseau                                  |
|  | Câble audio/alarme | 1        | Utilisé pour raccorder les ports audio et alarme                        |

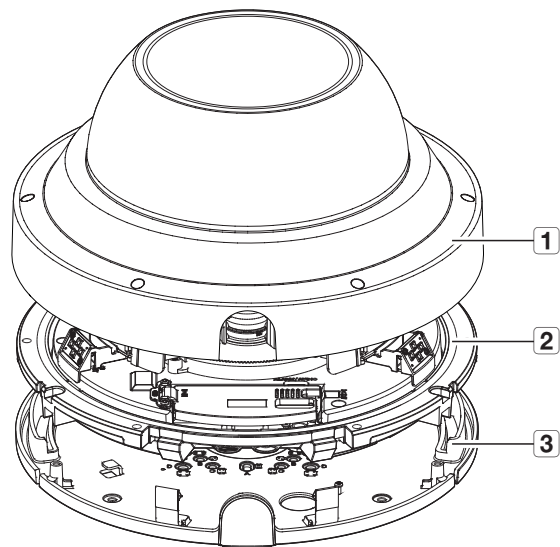
## ACCESSOIRES EN OPTION POUR L'INSTALLATION

Vous pouvez acheter des accessoires appropriés en option disponibles.

| Type de produit | Montage mural                                                                       |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Nom du modèle   | SBP-390WMW2                                                                         |                                                                                     |
|                 |  |                                                                                     |
| Type de produit | Montage suspendu                                                                    | Montage au plafond                                                                  |
| Nom du modèle   | SBP-317HMW                                                                          | SBP-300CMW                                                                          |
|                 |  |  |
| Type de produit | Montage en coin                                                                     | Montage sur poteau                                                                  |
| Nom du modèle   | SBP-300KMW                                                                          | SBP-300PMW                                                                          |
|                 |  |  |

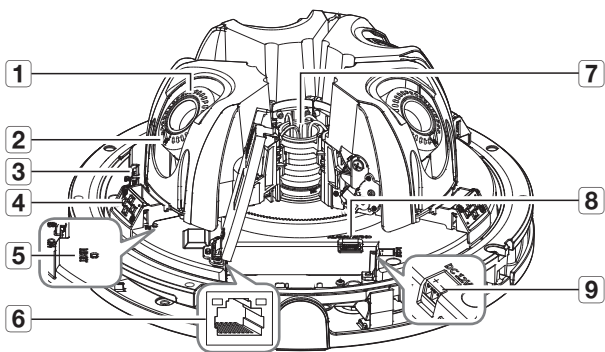
D'UN COUP D'ŒIL

Apparence



| Élément              | Description                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------------------|
| 1 Couverture dôme    | Couvercle du boîtier utilisé pour protéger l'objectif et l'unité principale.                                |
| 2 Corps de la caméra | Partie du boîtier où la lentille de la caméra et les bornes de connexion sont incluses.                     |
| 3 Plaque de montage  | Plaque qui fixe la caméra lors de son montage au plafond ou de sa fixation sur un support vendu séparément. |

Composants



| Élément                                     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Objectif                                  | Les 4 lentilles de la caméra montrent différentes directions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2 Capteur d'éclairage                       | Détecte la lumière reçue pour commander la diode infrarouge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 3 Compartiment de la carte mémoire Micro SD | Compartiment de la carte mémoire Micro SD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4 Diode infrarouge                          | Ces diodes infrarouge sont commandées par le capteur d'éclairage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 5 Bouton de réinitialisation                | <p>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.</p> <p>■ 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 sur le réseau, vous devez exécuter le programme Device Manager pour modifier les paramètres réseau de base tels que l'adresse IP, le masque de sous-réseau, la passerelle, etc., avant de pouvoir vous connecter au réseau.</p> |
| 6 Port de connexion HPoE                    | Ce terminal connecte l'alimentation et le réseau via le commutateur HPoE ou connecte le réseau via câble Ethernet.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Élément                         | Description                                                     |                                                                                               |
|---------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 7 Câbles                        | Couleur - CH 1: Rouge<br>CH 2: Vert<br>CH 3: Bleu<br>CH 4: Noir |                                                                                               |
| 8 Câble et port audio et alarme | ARM-IN                                                          | Utilisé pour connecter l'entrée du capteur de l'alarme ou du capteur externe jour/nuit.       |
|                                 | ARM-OUT                                                         | Utilisé pour la connexion du signal de sortie de l'alarme.                                    |
|                                 | GND                                                             | Il s'agit de deux ports communs permettant de connecter les signaux d'entrée/sortie d'alarme. |
|                                 | MIC                                                             | Utilisée pour la connexion à un microphone.                                                   |
|                                 | SPEAKER                                                         | Utilisée pour la connexion aux enceintes.                                                     |
| 9 Port d'alimentation           | Port pour le bloc de jonction d'alimentation.                   |                                                                                               |

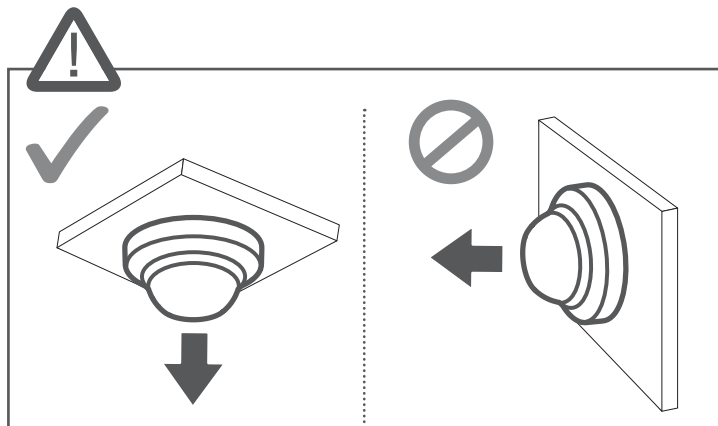
## INSTALLATION

- ! ■ 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

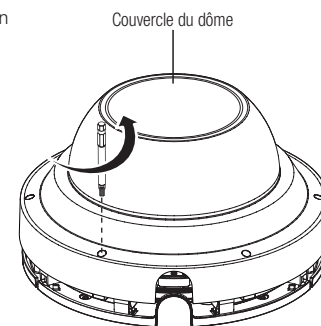
Assurez-vous de bien lire les instructions suivantes avant d'installer la caméra.

- 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.



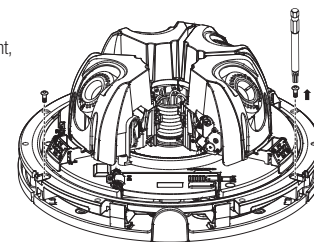
## Démontage

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 un foret fourni.

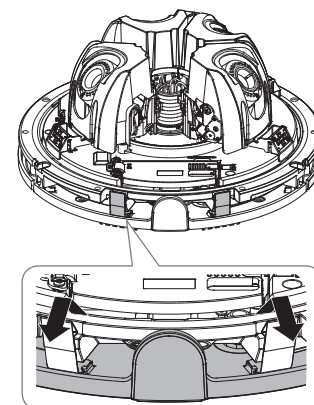


2. Desserrez la vis de fixation sur le corps de la caméra.

- ! ■ Ne réglez ni ne déplacez la lentille directement avec vos mains. Ce faisant, vous pourriez endommager la lentille ou détériorer ses performances.

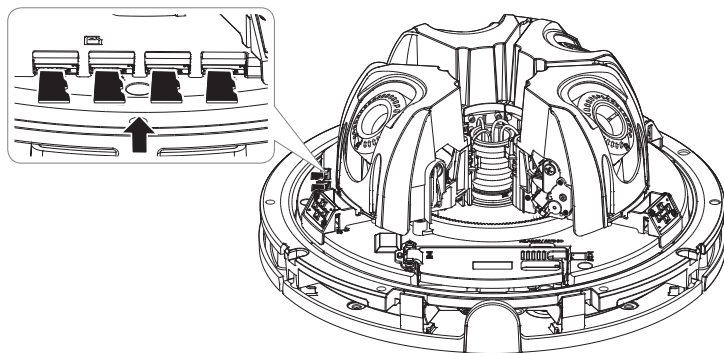


3. Retirez le corps de la caméra et la plaque de montage en tirant sur le ressort de la plaque, comme illustré sur la figure.



## Insertion d'une carte mémoire Micro SD

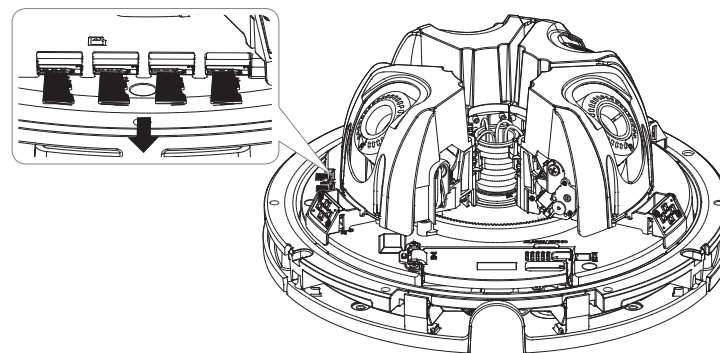
1. Retirez le couvercle du dôme de la caméra.
2. Insérez une carte Micro SD en suivant la direction de la flèche du schéma.



- 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.
- Si la LED IR de la caméra bloque le port de la Micro SD, veuillez accéder à la Visionneuse Web et déplacez la lentille pour désencombrer le port.

## 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.

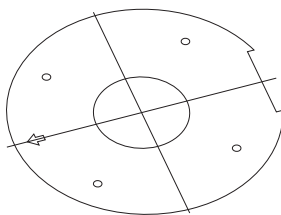


- Prévoyez une carte SD pour chaque canal.
- Veuillez noter que si vous appuyez fermement et relâchez la carte mémoire Micro SD quand elle est éjectée, elle peut sortir.
- Avant le retrait de la carte mémoire micro SD, dans <Configuration (⚙️)>-<Événement>-<Stockage>, réglez le périphérique sur <Désactivé> et appuyez sur le bouton [Appliquer] pour désactiver la caméra.
- 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.

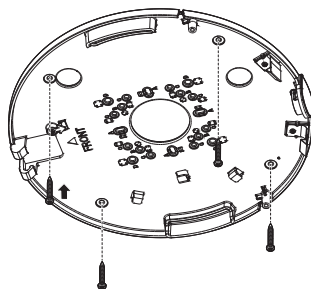
## Installation (plaque de montage)

### [Installation directe au plafond]

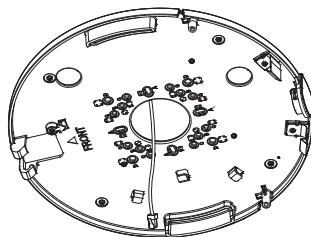
1-1. Fixez le gabarit d'installation sur la surface souhaitée et percez des trous pour les vis et les câbles.



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



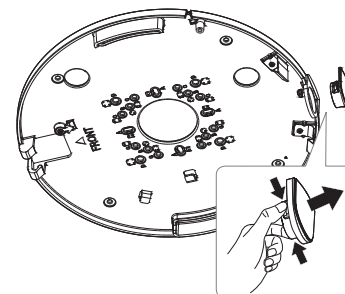
1-3. Tirez les câbles nécessaires entre les câbles alimentation / LAN / d'audio et d'alarme à travers le trou de la plaque de montage.



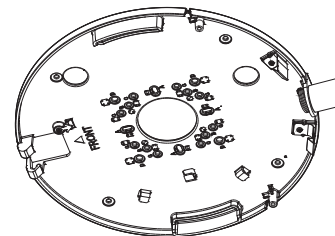
### [Installation du tuyau utilisé]

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

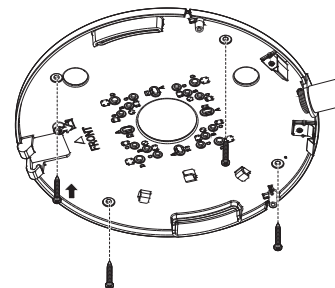
2-2. Séparez le couvre-tuyau de la plaque de montage en appuyant sur ses côtés.



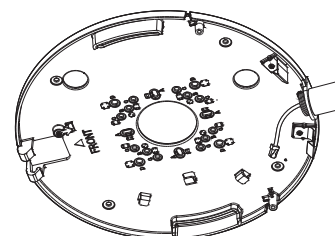
2-3. Placez le tuyau sur la plaque de montage.



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



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



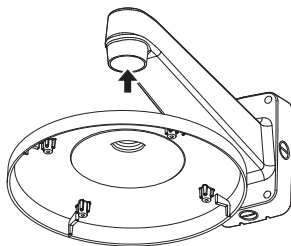


### [Fixation de l'adaptateur (dégroulé)]

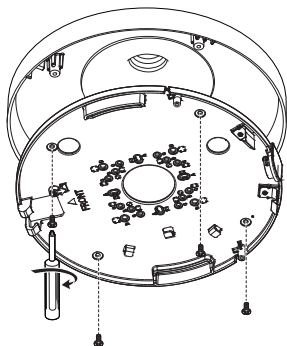
Choisissez et achetez parmi les options suivantes (dégroupées) celle qui est adaptée au site d'installation ou celle qui vous convient le mieux.

#### 3-1. 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.

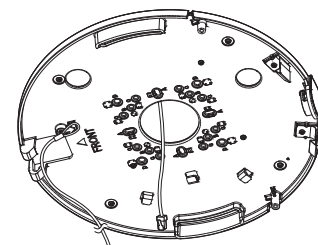


#### 3-2. Connectez la plaque de montage et le support suspendu.



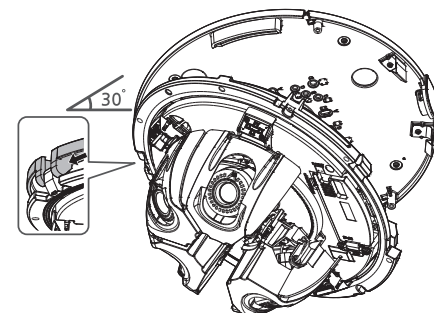
### Installation (boîtier de la caméra et couvre-dôme)

#### 1. Raccordez le câble de sécurité.



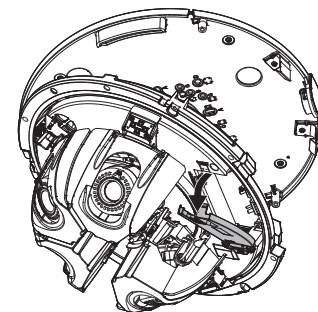
#### 2. Fixez le corps de la caméra à la plaque de fixation.

- Installez-le de façon à ce qu'il rentre dans les charnières comme illustré sur l'image.

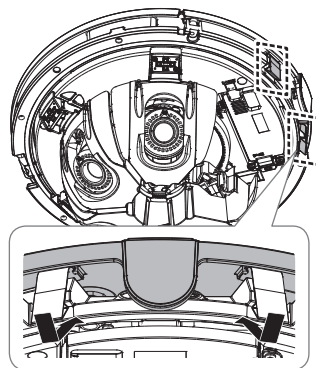


#### 3. Ouvrez le cache du câble sur le boîtier de la caméra.

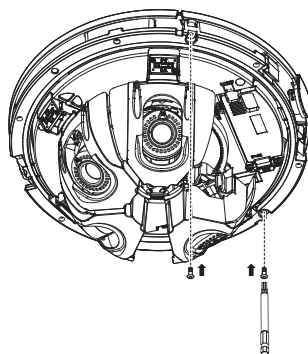
#### 4. Branchez les bornes à l'intérieur de la caméra et tous les câbles nécessaires, puis refermez les câbles à l'aide des caches.



5. Poussez le ressort à lames jusqu'à ce qu'il s'enclenche comme indiqué sur la figure.

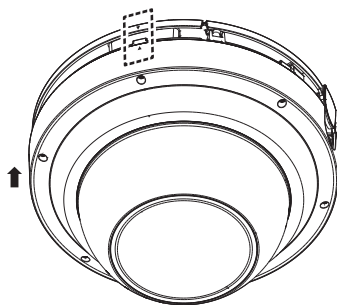


6. À l'aide des vis de fixation situées sur le boîtier de la caméra, fixez-le sur la plaque de montage.



7. Assembler le couvercle du dôme.

- Alignez les flèches lors de l'assemblage du couvercle du dôme.
- Pour assurer l'étanchéité, serrez les boulons au maximum en utilisant la mèche.



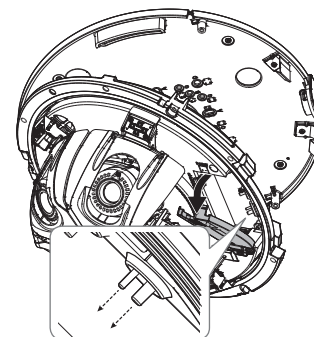
## Raccorder le câble imperméable d'alimentation et LAN



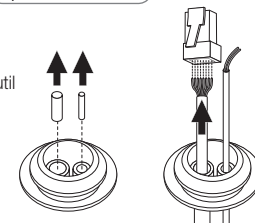
- Utilisez une bague de câble appropriée pour connecter le câble LAN.
  - Caméra de base : utilisez le câble d'un diamètre de  $\varnothing 5 \sim 6,5$ .
  - Composants fournis : utilisez le câble d'un diamètre de  $\varnothing 7 \sim 8,5$ .

### [Méthode 1. Installation de câbles LAN / d'alimentation]

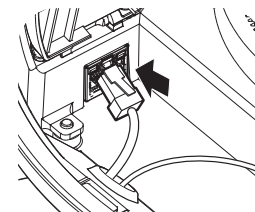
1. Retirez les parties extrudées de la bague à utiliser comme indiqué sur la figure.



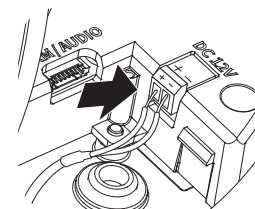
2. Faites passer le câble LAN dans le grand trou de la douille.
3. Retirez la gaine à l'aide d'une pince coupe-câble et alignez les câbles.
4. Raccordez le câble LAN avec un connecteur LAN et insérez-le dans l'outil LAN.



5. Connectez le câble terminé au port HPoE.

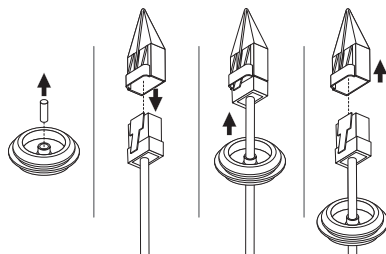


6. Faites passer le câble d'alimentation dans le petit trou de la douille et branchez-le au bornier fourni.

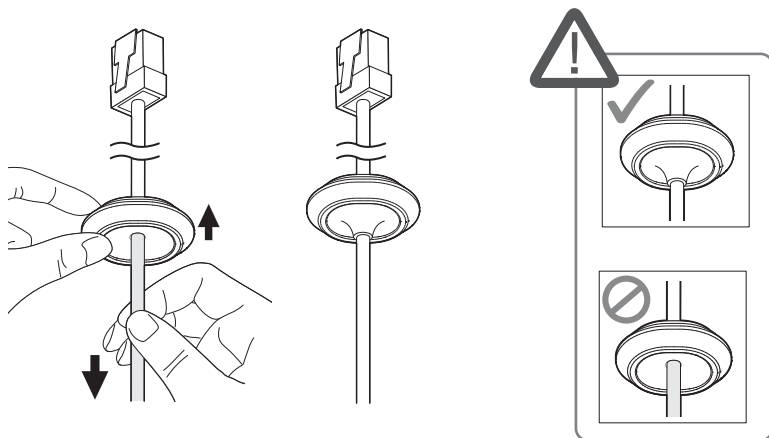


## [Méthode 2. Installation du câble LAN (en utilisant le commutateur HPoE)]

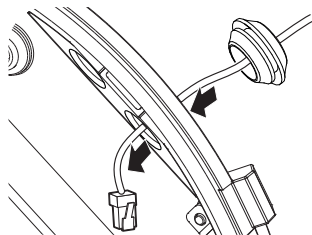
1. Retirez la partie extrudée de la douille à 1 trou fournie.
2. Utilisez l'installateur de bouchon pour le passage à travers le câble LAN.



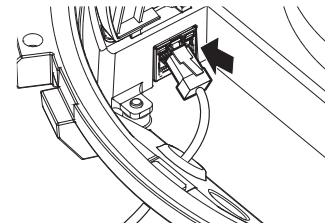
3. Pour une protection étanche, tirez le câble sous le passe-câble comme indiqué sur la figure ci-dessous.



4. Montez la bague sur le boîtier de la caméra.

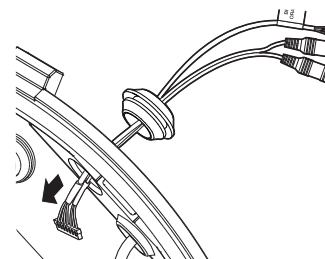


5. Connectez le câble LAN au port HPoE.

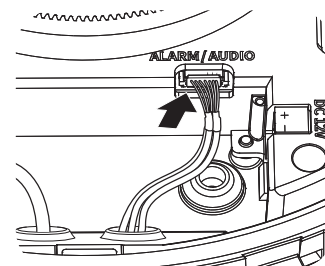


## Installation des câbles audio et d'alarme

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



2. Connectez le câble audio et d'alarme à la borne ALARME/AUDIO.

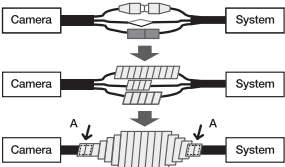


Installation extérieure

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, audio 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.
- !

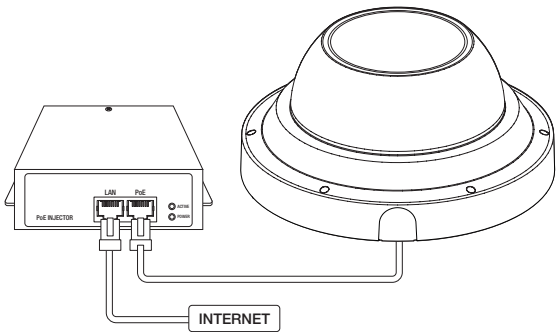
- Si la gaine du câble noir n'est pas correctement rendue étanche, elle peut directement provoquer une fuite. Assurez-vous de protéger le câble avec une large épaisseur de ruban.
  - Le ruban étanche en caoutchouc butylique est fait de caoutchouc butylique qui peut être étendu jusqu'au double de sa longueur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



CONNEXION À D'AUTRES PÉRIPHÉRIQUES

Alimentation et réseau

Connectez le périphérique HPoE à la borne HPoE de la caméra.



- !

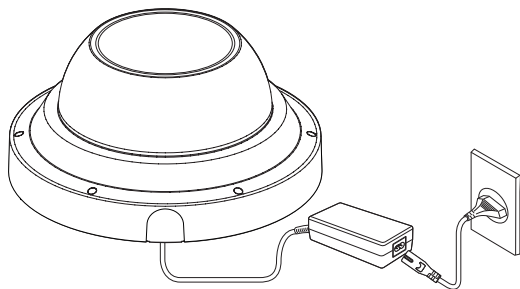
- Branchez et utilisez le routeur compatible HPoE.
  - Utilisez un périphérique HPoE qui soit conforme à la norme IEEE802.3bt (PSE TYPE 3 ou 4).
  - Si vous vous connectez en utilisant le routeur HPoE activé, vous n'avez pas besoin d'un câble d'alimentation supplémentaire pour le mettre en marche.

Spécifications du câble réseau

| Élément       | Contenus                 | Remarque                                                                                                        |
|---------------|--------------------------|-----------------------------------------------------------------------------------------------------------------|
| Connecteur    | RJ45 (10/100/1000BASE-T) |                                                                                                                 |
| Ethernet      | 10/100/1000BASE-T        | Pour fonctionner avec 1000BASE-T, un câble de 6 catégorie ou supérieur devrait être utilisé pour le moyeu Giga. |
| Câble         | 6 catégorie              |                                                                                                                 |
| Distance max. | 100 M                    | Résistance CC ≤ 0,188 Ω/m                                                                                       |
| HPoE          | HPoE                     |                                                                                                                 |

## Alimentation

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



- Un adaptateur de 12 V 4 A DC ou plus est recommandé.
- Nous vous recommandons d'utiliser des injecteurs HPoE pour alimenter l'appareil.
- Ne pas utiliser l'alimentation CC et l'injecteur HPoE en même temps.
- 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

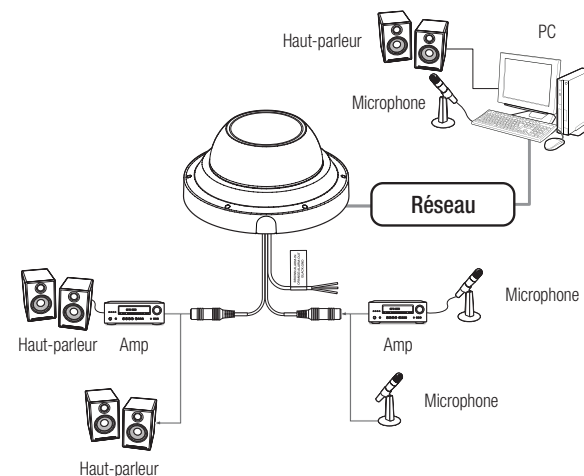
Entrée 12V CC :

| Type de câble (AWG)      | #14 | #16 |
|--------------------------|-----|-----|
| Longueur du câble (Max.) | 14m | 9m  |

## Connexion Ethernet

Connectez le câble Ethernet au réseau local ou à Internet.

## 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 (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)

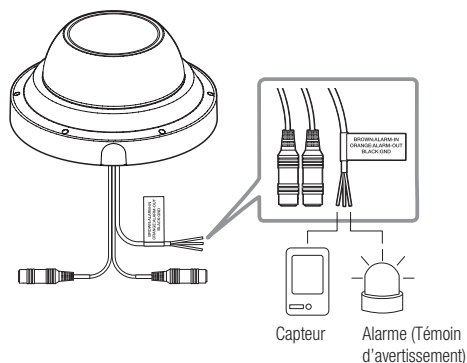
### • Audio duplex complet

- **Entrée audio** : Sélection possible (microphone/entrée de ligne), tension prise en charge : 2,5 V DC (4 mA), impédance d'entrée : 2 kOhm
- **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)

## Connexion au boîtier du port E/S

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



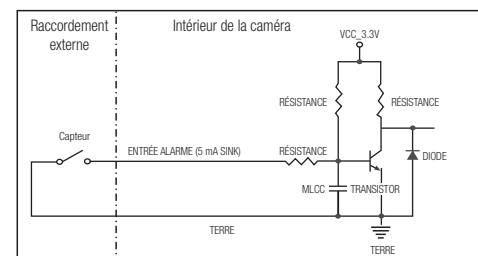
- ALARM-IN : Utilisé pour connecter l'entrée du capteur de l'alarme ou du capteur externe jour/nuit.
- ALARM-OUT : Utilisé pour la connexion du signal de sortie de l'alarme.
- GND : Port commun pour le signal d'alarme d'entrée/sortie.

! 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.

## 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



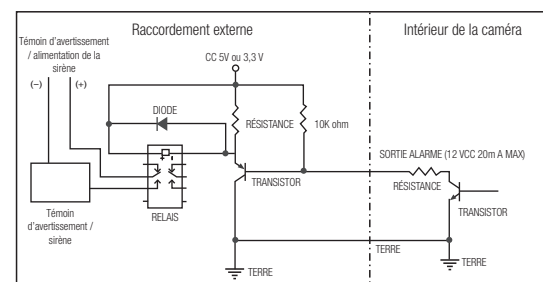
## Pour raccorder la sortie de l'alarme

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 raccordement de l'alarme ci-dessous lorsque vous connectez des appareils dont la tension excède les spécifications actuelles.

! N.C. (Normal fermé) n'est pas pris en charge.

## Schéma de câblage de sortie de l'alarme

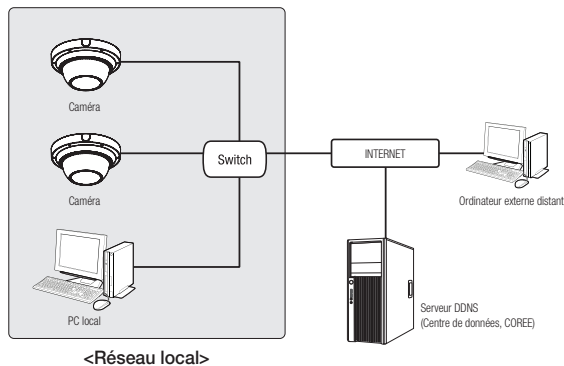


Vous pouvez configurer les paramètres de réseau en fonction de vos configurations de réseau.

## CONNECTER LA CAMÉRA DIRECTEMENT AU RÉSEAU DE ZONE LOCALE

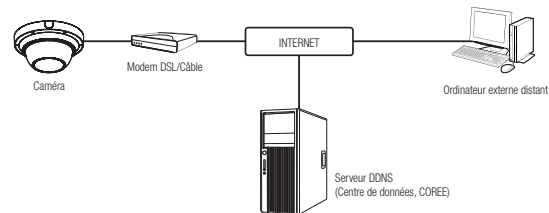
### Se connecte à la caméra à partir d'un PC local sur le LAN

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.
- 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 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. 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.

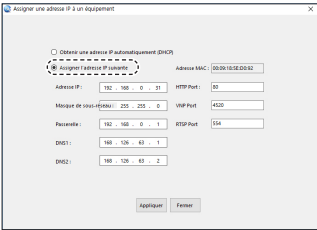
CONFIGURATION DE L’ADRESSE IP

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.



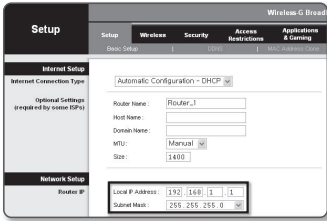
Si vous n’utilisez pas de Routeur large bande

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.
- 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 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          |
|                  | RTSP Port   | 554           | 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].

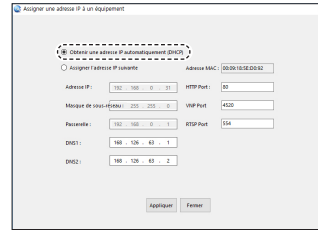


## Configuration de l'IP dynamique

Le DHCP vous envoie l'adresse IP.

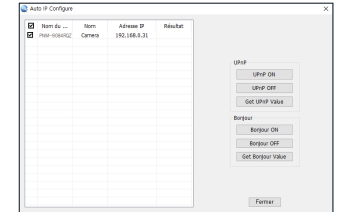
- Exemple d'environnement IP Dynamique
  - Routeur large bande, disposant de caméras connectées, affecté à une adresse IP par le serveur DHCP
  - En cas de connexion directe de la caméra au modem via les protocoles DHCP
  - Adresses IP affectées par le serveur DHCP interne via le réseau LAN

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



## CONFIGURATION AUTOMATIQUE DE L'IP

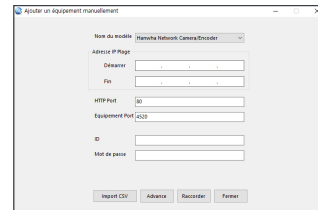
- Dans la liste, cliquez sur la caméra dont vous voulez configurer automatiquement l'IP.
- Cliquez sur **< + >** sur la page principale de Device Manager.
  - Le menu Configuration de l'équipement s'affiche.
- Dans le menu, cliquez sur **<Auto IP Configure (Configuration IP automatique)>**.
- Cliquez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



## 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.

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

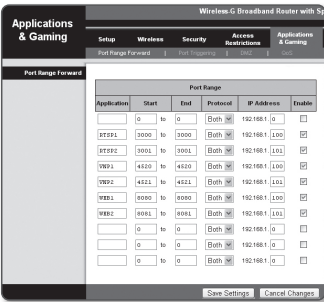


CONFIGURATION DE LA REDIRECTION DE LA PLAGE DE PORTS (MAPPAGE DE PORTS)

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

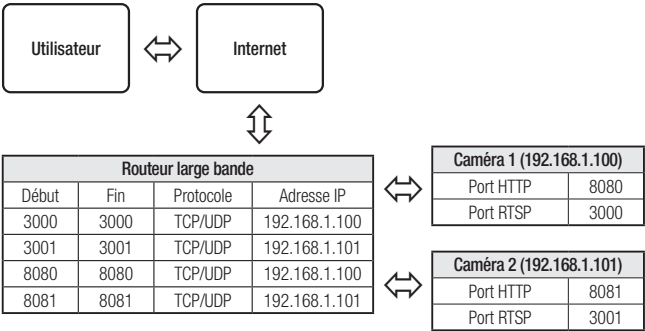


- La configuration du transfert de port est un exemple de configuration du routeur IP CISCO.
- Les réglages peuvent varier selon le modèle du Routeur large bande connecté. Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.

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 :



- 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 pages 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>

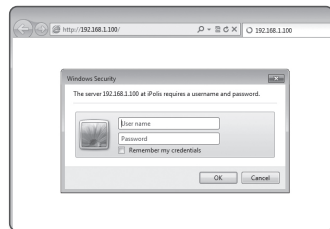


- Pour utiliser le DDNS, inscrivez-vous sur la page d'accueil DDNS (<http://ddns.hanwha-security.com>) et enregistrez le produit sur **[Mon DDNS]>[Enregistrer le produit]**.

## 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

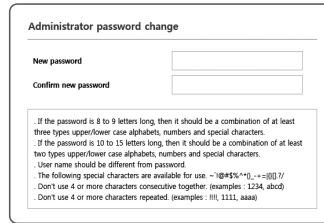
Si la caméra est connectée directement à un modem câble ou à un modem DSL basé sur DHCP, l'adresse IP change chaque fois qu'elle tente de se connecter au FAI (la société à laquelle vous vous êtes abonné). Le cas échéant, vous ne serez pas informé du changement d'adresse IP par le serveur DDNS.

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.

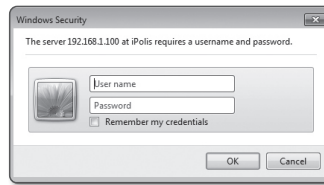
- Pour un nouveau mot de passe de 8 à 9 chiffres, vous devez utiliser au moins trois des éléments suivants : lettres majuscules / minuscules, chiffres et caractères spéciaux. Pour un mot de passe de 10 à 15 chiffres, vous devez utiliser au moins deux des types mentionnés.
  - Les caractères spéciaux 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'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.

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. | <ul style="list-style-type: none"><li>• 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".</li><li>• 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.</li></ul> |
| Je n'ai pas accès à la caméra à partir d'un navigateur Internet.                                      | <ul style="list-style-type: none"><li>• Vérifier pour s'assurer que les paramètres de réseau de la caméra sont appropriés.</li><li>• Vérifier pour assurer que tous les câbles de réseau ont été correctement connectés.</li><li>• Si elle est connectée en utilisant DHCP, vérifier que la caméra peut acquérir des adresses IP dynamiques sans aucun problème.</li><li>• Si la caméra est connectée à un Routeur large bande, vérifier que le renvoi de port est configuré correctement.</li></ul>                                                                                                     |
| Le visionneur a été déconnecté pendant le suivi.                                                      | <ul style="list-style-type: none"><li>• Les visionneurs connectés se déconnectent à tout changement apporté à la caméra ou aux configurations de réseau.</li><li>• Vérifier toutes les connexions de réseau.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                   |
| La caméra connectée au réseau n'est pas détectée dans le programme Device Manager.                    | <ul style="list-style-type: none"><li>• Désactiver les paramètres de pare-feu sur votre PC et chercher de nouveau la caméra.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| PROBLÈME                                                                                                                                                  | SOLUTION                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chevauchement d'images.                                                                                                                                   | <ul style="list-style-type: none"><li>• 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.</li></ul>                                                                                                                    |
| Aucune image n'apparaît.                                                                                                                                  | <ul style="list-style-type: none"><li>• 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.</li><li>• Vérifiez si le module d'objectif fonctionne normalement.</li></ul>                                                                                       |
| <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. | <ul style="list-style-type: none"><li>• Vérifiez les réglages selon la séquence suivante :<ul style="list-style-type: none"><li>A. Vérifiez les réglages &lt;Date et heure&gt;.</li><li>B. L'option &lt;Détection mvt&gt; doit être réglée sur &lt;Activer&gt;.</li><li>C. Vérifiez si l'option &lt;E-mail&gt; du menu &lt;Config. évén.&gt; est cochée avant utilisation.</li></ul></li></ul> |
| Impossible d'effectuer un enregistrement sur la carte mémoire Micro SD.                                                                                   | <ul style="list-style-type: none"><li>• Vérifiez que la carte mémoire n'est pas défectueuse.</li></ul>                                                                                                                                                                                                                                                                                         |
| La carte mémoire Micro SD est insérée mais la caméra ne fonctionne pas correctement.                                                                      | <ul style="list-style-type: none"><li>• 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.</li><li>• Formatez la carte mémoire à nouveau sous le menu &lt;Configuration&gt; → &lt;Événement&gt; → &lt;Stockage&gt;.</li></ul>                                                |

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| Component Name     | License | URL                                        |
|--------------------|---------|--------------------------------------------|
| Base Kernel        | GPL 2.0 |                                            |
| Busybox            | GPL 2.0 | http://www.busybox.net/downloads/snapshots |
| 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 |                                            |
| zerocoinf          | GPL 2.0 |                                            |

### LGPL SW

| Component Name | License  | URL                         |
|----------------|----------|-----------------------------|
| glibc          | LGPL 2.0 |                             |
| inetutils      | LGPL 3.0 |                             |
| neon-0.29.6    | LGPL 2.0 | http://www.webdav.org/neon/ |

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on January 23, 2004  
revised on June 17, 2004  
revised on December 21, 2006  
revised on March 24, 2009

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bzip2/libbzip2 version 1.0.5 of 10 December 2007

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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](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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#### 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)

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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.

