

CAMÉRA RÉSEAU

Manuel d'utilisation

XNP-6371RH



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. 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 supposé être livré par un Groupe moteur de "Classe 2" ou "LPS" avec une puissance nominale de 24 V CA (50/60 Hz), min. 4.2 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.



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.

Les moteurs pivotants/d'inclinaison/de zoom et la bague collectrice bénéficient d'une garantie d'un an en fonctionnement continu.

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.

La batterie ne peut pas être remplacée.

Appareil déconnecté

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

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

ATTENTION

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

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

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.

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SPÉCIFICATIONS PC RECOMMANDÉES

- CPU : Intel(R) Core(TM) i7 3.4 GHz ou supérieur
- RAM : 8 G ou supérieure
- Système d'exploitation pris en charge : MS Windows, Mac OS X
- **Visualiseur Web sans plug-in**
Navigateurs Web supportés : Google Chrome, MS Edge, Mozilla Firefox (Windows 64bit uniquement), Apple Safari (Mac OS X uniquement)
- **Visualiseur avec plug-in**
Navigateurs Web supportés : MS Explorer, Apple Safari (Mac OS X uniquement)

Veuillez consulter l'annexe pour des informations détaillées sur les versions du système d'exploitation et du navigateur vérifiées.


CARACTÉRISTIQUES RECOMMANDÉES POUR LA CARTE MÉMOIRE SD/SDHC/SDXC

- Capacité recommandée : 4GB ~ 128GB (Le système de fichiers ext4 est recommandé pour les cartes mémoire SD de 128 Go.)
- Pour votre caméra, nous recommandons que vous utilisiez une carte mémoire des fabricants suivants:
Carte mémoire SD/SDHC/SDXC (type MLC) : Sandisk, Transcend
- Pour une vitesse d'enregistrement inférieure à 30 ips, il est recommandé d'utiliser une carte mémoire spécifiée de Class 6 ou supérieure.
- Pour une vitesse d'enregistrement supérieure à 31 ips, il est recommandé d'utiliser une carte mémoire spécifiée de Class 10 ou supérieure.

NAS — INDICATIONS DU FABRICANT









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

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

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

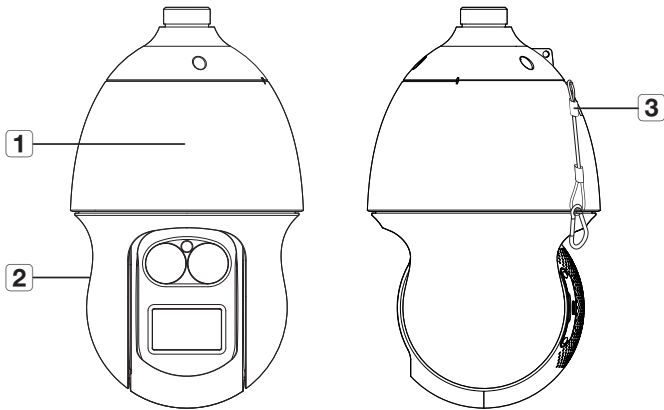
CONTENU

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
	Corps principal	1	
	Guide de prise en main rapide (En option)	1	
	Carte de garantie (En option)	1	
	Câble pour l'écran de test	1	Permet de tester la connexion de la caméra à un dispositif d'affichage portable
	Vis hexagonale	3	Permet de relier la base d'installation et la caméra.
	Clé à ouverture fixe (en forme de L)	1	Permet de fixer la base d'installation après l'avoir reliée à la caméra.
	Base de l'installation	1	Support de fixation pour l'extérieur
	Accessoire d'imperméabilité	1	Installer et utiliser à des emplacements très humides.

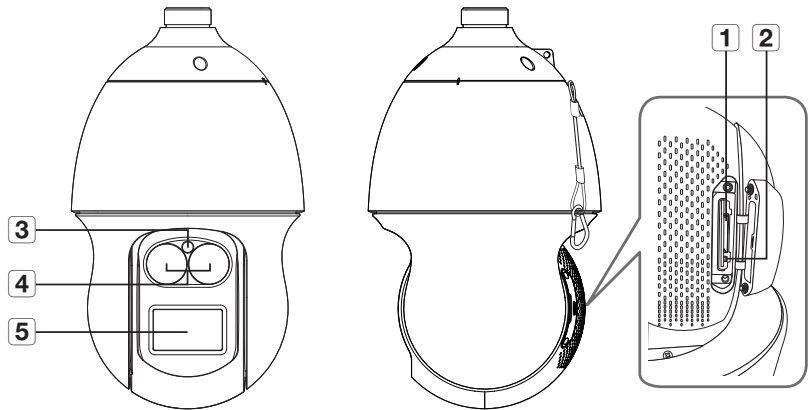
D'UN COUP D'ŒIL

Apparence



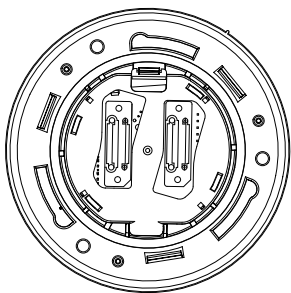
Élément	Description
1 Unité principale	Protège le mécanisme PTZ de la lumière directe du soleil, de la pluie ou de tout impact externe.
2 Couverture de protection	Couvercle de protection pour l'objectif et l'unité.
3 Câble de sécurité	Le câble prévient toute chute de l'appareil lors de l'installation.

Intérieur

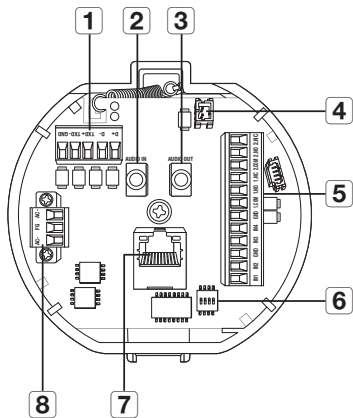


Élément	Description
1 Compartiment de la carte mémoire SD	Compartiment de la carte mémoire SD. ☑ Veuillez vous référer à <Insérer/retirer une carte mémoire SD> au regard de l'emplacement du logement de carte mémoire SD. (page 14)
2 Bouton de réinitialisation	Le bouton permet de restaurer tous les réglages 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 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.
3 Capteur d'éclairage	Détecte la lumière reçue pour commander la diode infrarouge.
4 Diode infrarouge	Ces diodes infrarouge sont commandées par le capteur d'éclairage.
5 Objectif	Objectif de la caméra.

Vue d'en dessous de la
base d'installation



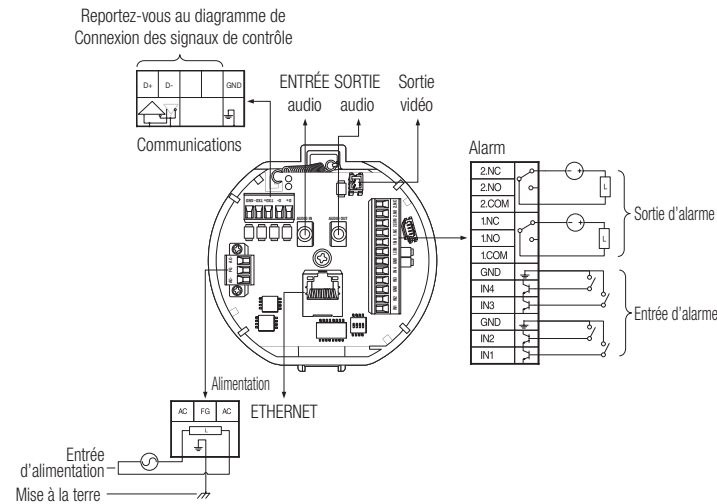
Vue interne de la base
d'installation



Élément	Description
1 Ports de communication	Utilisés pour les communications RS-485.
2 Port d'entrée audio	Permet de connecter le câble d'entrée audio.
3 Port de sortie audio	Permet de connecter le câble de sortie audio.
4 Port de sortie vidéo	Port de sortie vidéo analogique. (pour l'installation)
5 Port E/S d'alarme	Permet de connecter le câble E/S de l'alarme
6 Commutateur de configuration des communications	Régler le protocole de communication (RS-485) et indiquer s'il faut terminer.
7 Connexions réseau	Port pour la connexion avec le réseau à l'aide d'un câble Ethernet.
8 Port d'alimentation	Permet de connecter l'alimentation.

Carte d'interface du câblage de la caméra

Pour le câblage de la caméra, veuillez consulter l'illustration ci-dessous.

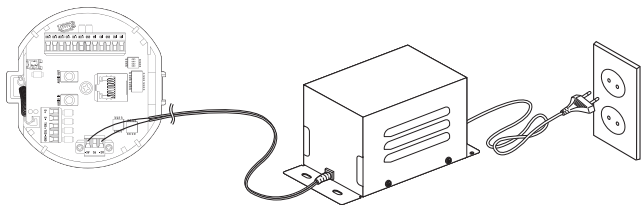


- Sélectionnez Ouverture normale dans le menu de configuration.
 - L'entrée du capteur est activée lors d'un contact court, ou lorsque le niveau est « faible » pour le type actif.
- Sélectionnez Fermeture normale dans le menu de configuration.
 - L'entrée du capteur est activée lorsqu'il est ouvert pour le type de contact, ou lorsque l'impédance est élevée (collecteur ouvert) pour le type actif.
- La capacité maximale du port de sortie de l'alarme est de 30V CC/2A, 125V CA/0,5A et 250V CA/0,25A.
- Lors de la connexion de l'entrée d'alarme et des câbles de sortie, veuillez à connecter un câble à chaque terminal.
- En cas de connexion de produits dépassant la capacité de la caméra, veuillez utiliser un dispositif de relais supplémentaire.
- Si les câbles d'alimentation et de masse sont connectés de façon inappropriée au port NF/NO ou COM, un incendie ou une panne de l'équipement peut se produire.

CONNEXION À D'AUTRES PÉRIPHÉRIQUES

Préparation de l'adaptateur et du câble

- Branchez la caméra sur l'adaptateur. Puis, branchez le cordon d'alimentation de l'adaptateur dans la prise murale.



Vérifiez la tension et la puissance nominales avant d'effectuer les connexions.

Puissance nominale	Tension d'entrée autorisée	Consommation électrique
CA 24 V	CA 22 V ~ 26 V	6 A

- L'appareil ne peut être utilisé à une température ambiante de -50°C ou inférieure.
- L'appareil peut ne pas être dégivré en fonction de la zone d'installation à -50°C.
- Si l'appareil est laissé seul dans un environnement à basse température, il faudra ensuite attendre jusqu'à 2 heures afin qu'il fonctionne normalement.
- La vitesse de zoom du variateur IR peut être ralentie à -40°C ou dans un environnement plus froid.
- Si l'appareil est allumé après avoir été exposé à un environnement à -20°C ou inférieur pendant un certain temps, réinitialisez l'heure.

Résistance électrique constituée d'un fil de cuivre à [20°C (68°F)]

Calibre du fil de cuivre (AWG)	N° 24 (0,22 mm²)	N° 22 (0,33mm²)	N° 20 (0,52mm²)	N° 18 (0,83mm²)
Résistance (Ω/m)	0,078	0,050	0,030	0,018
Chute de tension (V/m)	0,028	0,018	0,011	0,006
Distance recommandée (m)	Moins de 20	Moins de 30	Moins de 30	Moins de 30

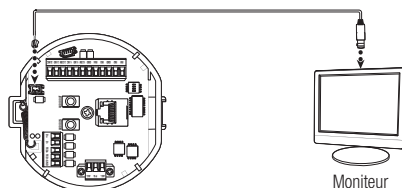
- Comme l'indique le tableau ci-dessus, vous pouvez être confronté à une baisse soudaine de tension selon la longueur du câble utilisé. Si avez recours à un câble excessivement long pour la connexion de la caméra, celle-ci pourra ne pas fonctionner normalement.
 - Tension de fonctionnement de la caméra : CA 24 V ± 10 %
 - Les mesures des chutes de tension figurant dans le tableau ci-dessus peuvent varier selon le type et le fabricant du câble en cuivre.

Connexion Ethernet

Connectez le câble Ethernet au réseau local ou à Internet.

Connexion du moniteur d'installation

Connectez le câble à la borne de sortie vidéo située à l'arrière de la caméra et à la borne d'entrée vidéo du moniteur d'installation.



- Le câblage varie selon les types de moniteur et de périphérique utilisés ; veuillez consulter le manuel d'utilisation de chacun des dispositifs concernés.
- Assurez-vous que le moniteur et la caméra sont désactivés avant de les relier.

- !**
- Ce produit est une caméra réseau qui transfère les données vidéo en réseau ; le terminal de sortie vidéo sert à définir la gamme d'images de la caméra, lors de l'installation.
 - L'utilisation du terminal à des fins de contrôle risque d'entraîner certains problèmes, comme par exemple la dégradation de la qualité des images vidéo.
 - Il n'est pas adapté à la surveillance continue sur des moniteurs professionnels CRT ou des moniteurs portables TFT/LCD.
 - Utilisez l'écran de transfert réseau aux fins de surveillance continue et de stockage.

INSTALLATION

Préparation et installation du support de la caméra

Pour obtenir les instructions relatives à l'installation des supports et des boîtiers, consultez le manuel d'installation fourni avec le support ou le boîtier concerné.

■ Modèles de support disponibles

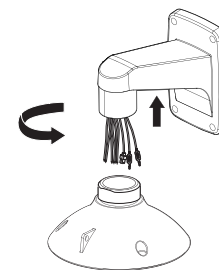
Modèle	Élément
SBP-300WM1	Monture au mur
SBP-300WM	
SBP-300CM	Monture au plafond
SBP-300LM	Monture sur parapet
SBP-300KM	Monture d'angle
SBP-300PM	Monture sur poteau

- !**
- Reportez-vous à la section « Accessoires en option pour l'installation » afin d'identifier les différents supports (dégroupés). (page 12)

Installation via une monture au mur

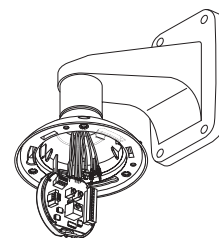
■ Fixation de la base d'installation à l'aide du support

1. Fixez la base à l'aide du support en le faisant tourner dans le sens des aiguilles d'une montre.



2. Tel qu'indiqué dans l'illustration ci-dessous, appuyez doucement sur la poignée de la porte fermée située dans la partie inférieure de la base d'installation et soulevez-la. Reportez-vous à la section « Carte d'interface du câblage de la caméra » en page 9 pour connecter les câbles.

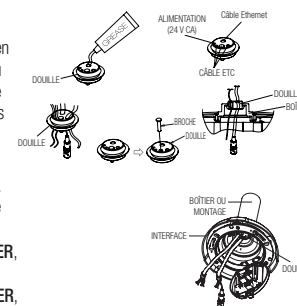
- !**
- Ne branchez pas la caméra à la prise murale avant la fin de l'installation. Le branchement de l'alimentation en cours d'installation risque de provoquer un incendie ou d'endommager le produit.



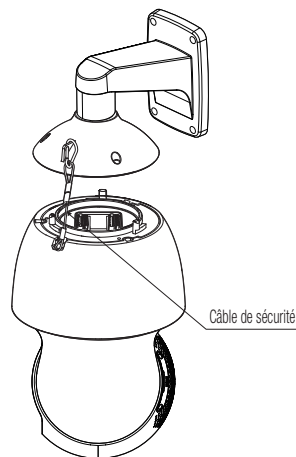
- !** Vérifier la méthode de connexion du câble et installer.

- Il convient de noter que les **DOUILLES** sont fournies pour les installations en extérieur spécialement exposées à des conditions d'humidité au niveau du **TUBE** ou de la **FIXATION**. Par conséquent, il est recommandé d'installer le **BOÎTIER** à l'aide des **DOUILLES** pour éviter que l'humidité ne pénètre dans l'appareil.

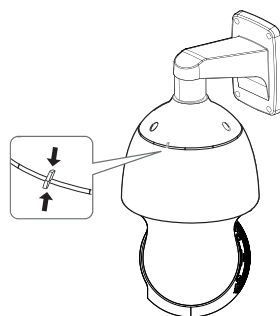
- Appliquez sur la **DOUILLE** la dose de graisse appropriée avant le montage et faites passer les câbles par les différents trous de douilles. Utilisez les **BROCHES** pour boucher les trous par lesquels aucun câble ne passe.
- Assemblez la **DOUILLE** sur la partie supérieure de l'intérieur du **BOÎTIER**, tel qu'illustré sur le schéma ci-dessous. À ce stade, appliquez une pression homogène sur la **DOUILLE** pour la fixer fermement au **BOÎTIER**, tel qu'illustré sur le schéma.



3. Connectez le câble de sécurité de la caméra à la base d'installation.

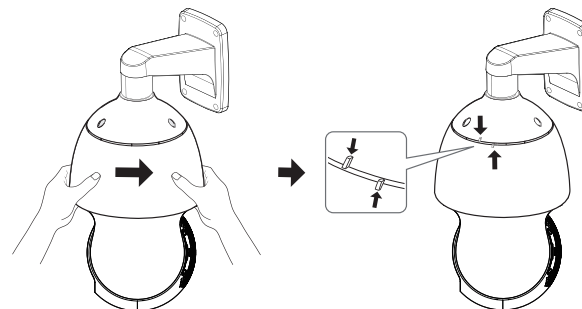


4. Assemblez la caméra et la base d'installation
Assemblez la caméra et la base d'installation en faisant correspondre les guides directionnels de l'installation.



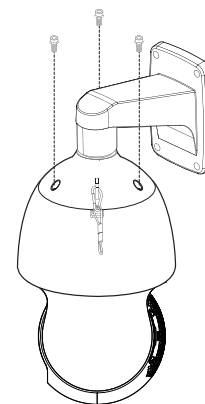
5. Fixez la caméra.

Tourner le corps principal de la caméra dans le sens horaire pour positionner la marque de référence dans la partie supérieure et la partie inférieure, comme indiqué sur la figure.



6. Fixez fermement la caméra et la base d'installation

Comme indiqué dans l'image ci-dessous, fixez la base d'installation et la caméra à l'aide de vis à tête hexagonale.



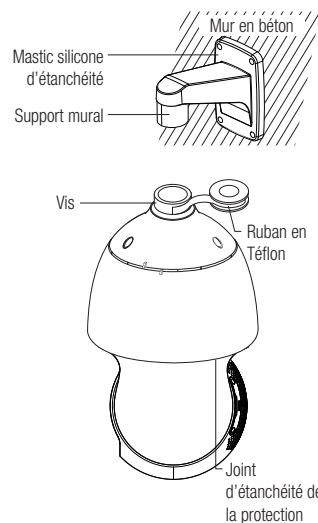
Remarques sur l'étanchéité

Ce modèle est un boîtier intégré destiné à l'installation extérieure.

■ En combinant le corps principal et le support mural pour une installation sur le mur

1. Installez le support mural sur un mur vertical. Lorsqu'il est installé sur un mur incliné, de l'humidité peut pénétrer dans le corps principal par l'intermédiaire du câble externe.
2. Entourez les vis du boîtier avec suffisamment de ruban en Téflon nécessaire pour le montage.
3. Veuillez vous assurer que le joint d'étanchéité n'est pas désassemblé du couvercle de protection lorsque celui-ci est déposé puis monté sur le corps du boîtier.
4. Installez l'adaptateur de montage mural pour l'étanchéité et appliquez un mastic silicone d'étanchéité entre et autour du mur et du support mural pour assurer l'étanchéité.

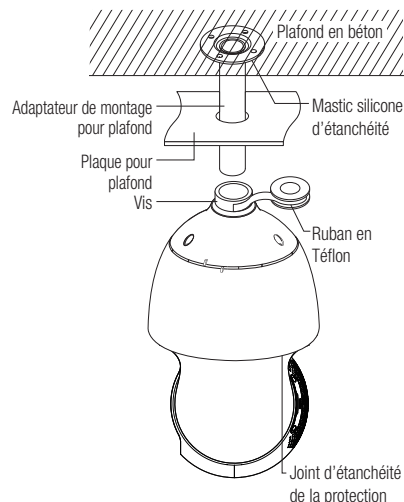
! ■ Prenez garde à ce qu'il y ait une bonne étanchéité si la surface d'installation n'est pas plane.



■ Lorsque l'on combine le corps principal et l'adaptateur de support pour plafond pour une installation sur le mur

1. Entourez les vis du boîtier avec suffisamment de ruban en Téflon nécessaire pour le montage.
2. Veuillez vous assurer que le joint d'étanchéité n'est pas désassemblé du couvercle de protection lorsque celui-ci est déposé puis monté sur le corps du boîtier.
3. Installez l'adaptateur de montage pour plafond pour l'étanchéité et appliquez à un mastic silicone d'étanchéité entre et du support mural pour assurer l'étanchéité.

! ■ Prenez garde à ce qu'il y ait une bonne étanchéité si la surface d'installation n'est pas plane.

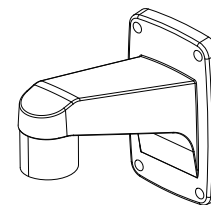


Accessoires en option pour l'installation

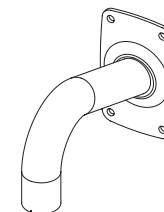
Pour faciliter l'installation, vous pouvez acheter les accessoires appropriés disponibles en option.

1. En cas d'installation de la caméra au mur

- Monture au mur (SBP-300WM1)

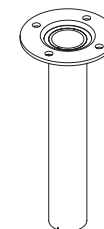


- Monture au mur (SBP-300WM)



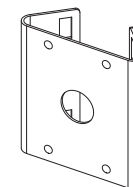
2. En cas d'installation de la caméra au plafond

- Monture au plafond (SBP-300CM)



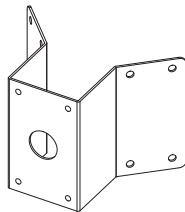
3. En cas d'installation de la monture au mur (SBP-300WM/SBP-300WM1) sur un cylindre d'au moins 80 mm de long

- Monture sur poteau (SBP-300PM)



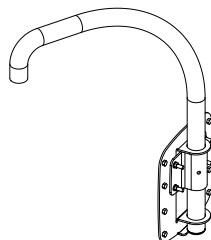
4. En cas d'installation de la monture au mur (SBP-300WM /SBP-300WM1) sur un angle de mur

- Monture d'angle (SBP-300KM)

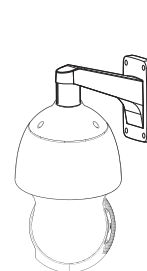


5. En cas d'installation sur un toit d'immeuble

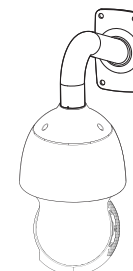
- Monture sur parapet (SBP-300LM)



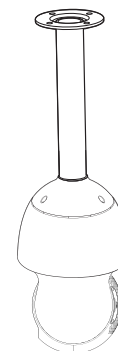
■ Assemblage du support



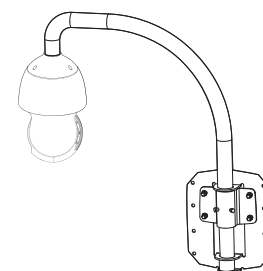
Monture au mur (SBP-300WM1)



Monture au mur (SBP-300WM)



Monture au plafond (SBP-300CM)



Monture sur parapet (SBP-300LM)

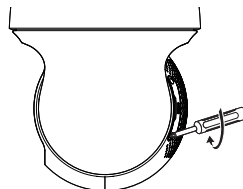
INSÉRER/RETIRER UNE CARTE MÉMOIRE SD

- ❗ ■ Déconnectez le câble d'alimentation de la caméra avant d'y insérer la carte mémoire SD.
- Il n'est pas recommandé de retirer la carte mémoire SD en cas de temps pluvieux ou très humide.
- Serrez les vis lors du montage du corps de la caméra, du couvercle de protection et du support de maintien SD afin de prévenir la pénétration de l'humidité.
- Lors du montage ou du retrait d'une carte mémoire SD, placez tout d'abord le corps principal sur le sol afin d'éviter la perte de pièces et les accidents dus aux chutes.

Insérer une carte mémoire SD

1. Desserrez deux vis du support de maintien SD en les tournant de droite à gauche avec un tournevis.

- ❗ ■ Ne retirez pas les vis.

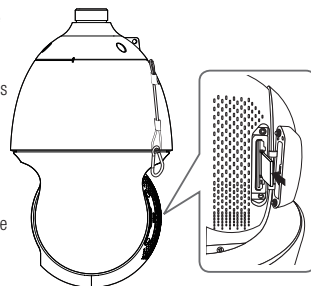


2. Soulevez le support de maintien SD et poussez la carte mémoire SD dans la direction de la flèche ainsi qu'illustré sur la figure.

- ❗ ■ N'insérez pas la carte mémoire SD à l'envers ou de force. Autrement, vous risquez d'endommager la carte mémoire SD.

3. Montez la caméra dans l'ordre inverse du démontage après que la carte mémoire SD ait été insérée.

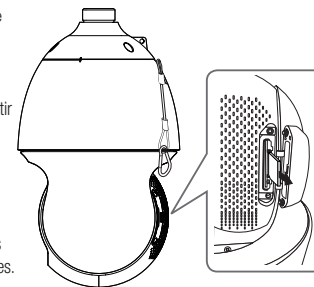
- ❗ ■ Serrez les vis lors du montage de la caméra afin d'empêcher l'humidité de pénétrer.



Retirer une carte mémoire 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.

- ❗ ■ Si vous appuyez trop fort sur la carte mémoire SD, la carte risque de sortir de son logement lorsqu'elle est libérée.
- Avant de retirer la carte mémoire SD, réglez le périphérique sur **<Désactivé>** dans le menu **<Stockage>** appuyez sur le bouton **[Appliquer]** et mettez la caméra hors tension.
- Si vous arrêtez la caméra ou retirez la carte mémoire SD qui contient les données du produit, ces données peuvent être perdues ou endommagées.

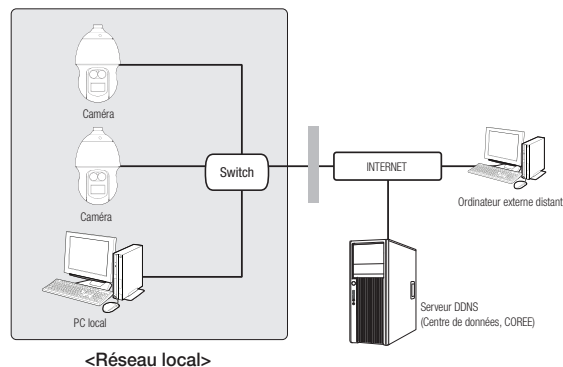


Vous pouvez configurer les paramètres de réseau en fonction de vos configurations de réseau.

CONNECTER LA CAMÉRA DIRECTEMENT AU RÉSEAU DE ZONE LOCALE

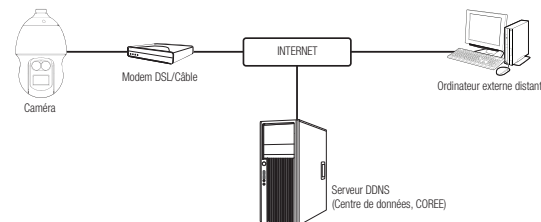
Se connecte à la caméra à partir d'un PC local sur le LAN

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.
- Dans Device Manager, 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 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 17)

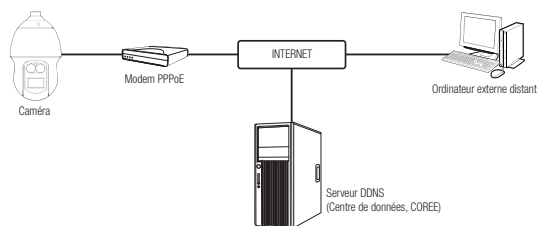
CONNEXION DE LA CAMÉRA DIRECTEMENT À UN MODEM DSL/CÂBLE BASÉ SUR LE PROTOCOLE DHCP



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.

CONNEXION DE LA CAMÉRA DIRECTEMENT À UN MODEM PPPoE

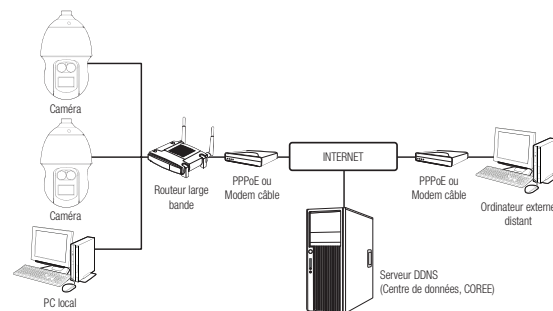


1. Connectez l'ordinateur utilisateur directement à la caméra réseau.
2. Lancez Dans Device Manager et modifiez l'adresse IP de la caméra pour pouvoir utiliser le navigateur Web de votre bureau pour vous connecter à Internet.
3. Utilisez le navigateur Internet pour connecter le Web viewer.
4. Allez à la page [Configuration].
5. Allez sur [Réseau] – [DDNS], puis configurez les réglages DDNS.
6. Allez à [Basic] – [IP & Port] Page de configuration, définissez le type d'IP [PPPoE], et saisissez l'ID du service réseau et le mot de passe.
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.

CONNECTER LA CAMÉRA AU ROUTEUR LARGE BANDE PAR LE MODEM PPPoE/CÂBLE

C'est pour un petit environnement de réseau comme les maisons, SOHO et les magasins ordinaires.



Configurer les paramètres de réseau du PC local connecté au routeur

Pour configurer les paramètres de réseau du PC local connecté au Routeur large bande, suivre les instructions ci-dessous.

- Sélectionner : <Network> → <Properties> → <Local Area Connection> → <General> → <Properties> → <Internet Protocol (TCP/IP)> → <Properties> → <Obtain an IP address automatically> ou <Use the following IP address>.
- Suivre les instructions ci-dessous si vous sélectionnez <Use the following IP address>:
 - ex.1) Si l'adresse (LAN IP) du Routeur large bande est 192.168.1.1
Adresse IP : 192.168.1.100
Masque de sous-réseau : 255.255.255.0
Passerelle par défaut : 192.168.1.1
 - ex.2) Si l'adresse (LAN IP) du Routeur large bande est 192.168.0.1
Adresse IP : 192.168.0.100
Masque de sous-réseau : 255.255.255.0
Passerelle par défaut : 192.168.0.1
 - ex.3) Si l'adresse (LAN IP) du Routeur large bande est 192.168.xxx.1
Adresse IP : 192.168.xxx.100
Masque de sous-réseau : 255.255.255.0
Passerelle par défaut : 192.168.xxx.1

- Pour l'adresse du Routeur large bande, se référer à la documentation du produit.
- 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 19)

UTILISATION DE DEVICE MANAGER

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

RECHERCHE AUTOMATIQUE DE LA CAMÉRA

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

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

CONFIGURATION DE L'ADRESSE IP

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

Configuration de l'IP statique

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

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

Si vous n'utilisez pas de Routeur large bande

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

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

Si vous utilisez un Routeur large bande

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

- Les réglages peuvent varier selon le modèle du Routeur large bande connecté.
Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.
- Pour plus d'informations sur la redirection de port du routeur large bande, reportez-vous à « Configuration de la Redirection de la Plage de Ports (Mappage de Ports) ». (Page 19)

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
	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]**.

Assigner une adresse IP à un équipement

☒ Obtenir une adresse IP automatiquement (DHCP)
☐ Assigner l'adresse IP manuellement

Adresse MAC: 00:0B:10:00:00:02

Adresse IP: 192.168.0.11 HTTP Port: 80

Masque de sous-réseau: 255.255.0.0 VNP Port: 4320

Routeur: 192.168.0.1 RTSP Port: 554

DNS1: 192.168.0.1

DNS2: 192.168.0.2

[Appliquer] [Fermer]

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, le port VNP, 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.

Ajouter un équipement manuellement

Nom du modèle: Hanaoka Network Camera Encoder

Adresse IP Range: Démarquer: Fin:

HTTP Port: 80

Equipment Port: 4320

ID:

Mot de passe:

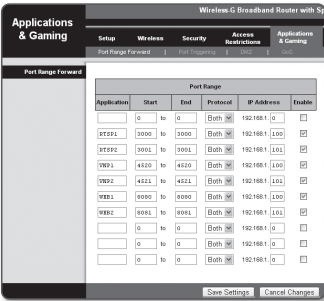
[Import CSV] [Raccorder] [Fermer]

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

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

Redirection manuelle de la plage de ports

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

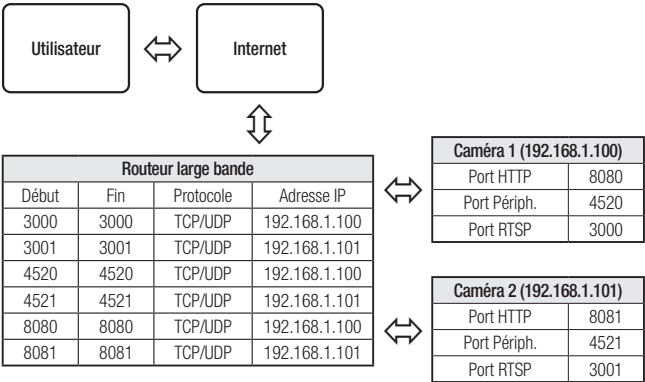


- La configuration du transfert de port est un exemple de configuration du routeur IP CISCO.
- Les réglages peuvent varier selon le modèle du Routeur large bande connecté. Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.

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

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

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



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

CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR LOCAL PARTAGÉ

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



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

CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR DISTANT VIA INTERNET

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

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

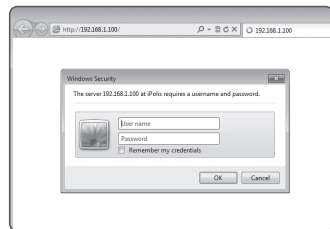


- Pour utiliser le DDNS, inscrivez-vous sur la page d'accueil DDNS (<http://ddns.hanwha-security.com>) et enregistrez le produit sur **[Mon DDNS]>[Enregistrer le produit]**.

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 directement connectée à un modem de câble DHCP, à un modem DSL ou à un modem PPPoE, l'adresse IP de votre réseau sera modifiée à chaque fois que vous essayerez de vous connecter au serveur FSI (Fournisseur de services Internet).

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 alphabets, 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 alphabets, 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, aaaa)

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.

Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel



- 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.

SPÉCIFICATIONS DE PRISE EN CHARGE DE PLUG-IN POUR CHAQUE NAVIGATEUR

La visionneuse Web contient le visualisateur Web à plugin actuel ainsi que le nouveau visualisateur Web à plugin gratuit. Pour cette raison, la visionneuse Web est disponible même dans les environnements de navigateur les plus récents, tels que Chrome, EDGE, Firefox (Windows 64 bits uniquement), où les plug-ins ne sont pas pris en charge. Les plugins sont recommandés dans les navigateurs IE et Safari pour lesquels des plugins peuvent être installés. Selon l'environnement du navigateur, les différences suivantes peuvent se produire.

- **Navigateurs Chrome, Firefox (Windows 64 bits uniquement), EDGE et Safari** : Même si l'environnement du navigateur ne prend en charge aucun plugin, notre visionneuse Web sans plug-in permet l'utilisation de la visionneuse Web.
 - ! Les performances de la visionneuse Web sans plug-in peuvent être inférieures à celles de la visionneuse Web à plug-in, en fonction du codec vidéo et de la résolution.
 - En cas de retard sur la vidéo en direct, un profil sans plugin (HD de H.264 (1280x720) 20 FPS) est automatiquement généré.
 - Pour la lecture, un délai peut survenir en fonction du codec et de la résolution.
 - La fonctionnalité sans plugin est optimisée pour le navigateur Chrome.
- **Navigateurs IE et Safari** : Vous pouvez utiliser un visualiseur Web même si vous n'installez pas le visualiseur Web avec plug-in existant.



- Vous devez installer un plug-in pour surveiller/lire aisément les vidéos enregistrées.

INSTALLATION DU MODULE WebViewer

Si vous accédez à la visionneuse Web sans plugin à l'aide du navigateur IE et tentez d'utiliser des fonctionnalités telles que la demande de vidéo en direct ou la lecture d'une vidéo enregistrée, un message d'installation vous sera demandé. Lorsqu'il s'affiche, vous devez installer le plugin Web Viewer pour pouvoir utiliser les fonctionnalités.

1. Lorsque vous accédez à une page de surveillance pour la toute première fois, la page d'installation s'affiche. Cliquez sur **[Click Here]** pour débiter l'installation.

■ Si le téléchargement du fichier d'installation est suspendu à 99 % dans Internet Explorer, réessayez après avoir sélectionné « Libérer le filtre SmartScreen » dans « Outil → filtre SmartScreen ».

2. Cliquez sur **[Run]** dans la fenêtre.

3. Cliquez sur **[Yes]** lorsque la fenêtre de notification indique que toutes les fenêtres du navigateur vont être fermées.

■ Les étapes 4 et 5 seront ignorées si aucun module d'extension pour le navigateur n'est installé.

4. Lorsque l'ancienne version du module d'extension du navigateur Web est installée, une fenêtre de notification indique que cette dernière va être effacée. Cliquez sur **[Yes]** lorsque la fenêtre de notification est affichée.

5. Cliquez sur **[OK]**.
L'ancienne version du module d'extension est supprimée.

6. Cliquez sur **[Install]** pour débiter l'installation du module d'extension du navigateur Web.

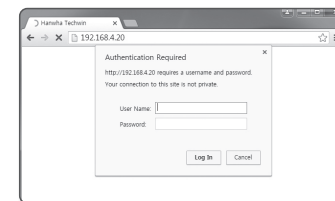
7. Cliquez sur **[Finish]**.
L'installation du module d'extension pour navigateur Web est achevée.

■ Dans votre Internet Explorer, si vous avez besoin de passer à l'écran d'installation après l'installation du plug-in webviewer, vérifiez si webviewer_activexplugin_lib.control dans le menu « Outils → Fonction de gestion complémentaire » est « activé ». Si non, et si le problème persiste, alors sélectionnez « Outils → Options Internet → Général » et supprimez tous les enregistrements de la recherche.
Si cela ne fonctionne toujours pas, allez dans « Outils → Options Internet → Sécurité → Sites de confiance » et enregistrez l'adresse IP ou le domaine de votrecaméra.

UTILISER GRATUITEMENT UN PLUG-IN DE VISUALISEUR WEB

Si vous accédez à la caméra via Google Chrome, Mozilla Firefox ou le navigateur Web MS Edge, aucun plug-in ne sera installé, mais vous pouvez toujours regarder la vidéo de la caméra en direct sans installation de plug-in.

1. Entrez votre nom d'utilisateur et mot de passe pour vous connecter.
2. Lorsque vous êtes connecté, un écran de visualisation en direct de la caméra apparaît.



INSTALLATION DE LA VISIONNEUSE WEB DE LA CAMÉRA

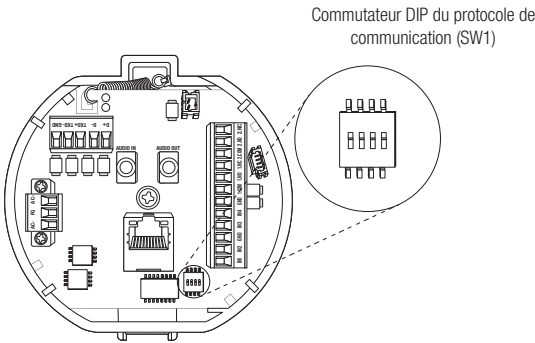
1. Cliquez sur l'icône **[Configuration (⚙)]**.
2. La fenêtre de configuration apparaît.
3. Il est possible de gérer les paramètres des informations de base de la caméra, PTZ, vidéo et audio, réseau, événement, analyse, système et plate-forme ouverte via le réseau.
4. Cliquez sur **<Aide (?)>** pour voir les descriptions détaillées de chaque fonction.

RÉGLAGE DU COMMUTATEUR DIP

Configuration des protocoles et des commutateurs DIP d'ID

Vous pouvez commander différents réglages du système de la caméra à l'aide des commutateurs de liaison et des commutateurs DIP d'ID. Avant d'installer le produit, configurez les commutateurs DIP en fonction de l'environnement de l'installation.

- 1. Réglez les commutateurs selon les exigences de l'environnement de l'installation. Pour obtenir des informations de configuration plus détaillées, reportez-vous au tableau de la page suivante.
- 2. La caméra pourra présenter des dysfonctionnements si les commutateurs ne sont pas correctement réglés sur On ou Off ; veuillez vérifier le réglage des commutateurs avant de terminer la configuration.
- 3. Prenez garde au fait que le commutateur peut être endommagé lorsqu'il est utilisé avec un outil pointu.
- 4. Prenez garde au fait que le commutateur peut être endommagé lorsqu'il est utilisé en appliquant une force excessive.



Réglages du commutateur DIP du protocole de communication (SW1)



N° broche SW1	Objectif
1	Reserved
2	Paramètre de fin 1
3	Paramètre de fin 2
4	Reserved

- **Réglages de terminaison**
Pour prévenir l'atténuation des signaux de communication entre la caméra et le contrôleur, les éléments en fin de ligne doivent être munis de réglages de terminaison.

Position d'entrée de la caméra	SW1- #2	SW1- #3
Terminaison du chemin le plus long	ON	ON
Sur le chemin	OFF	OFF

- La valeur par défaut est ombrée dans les tableaux de réglages.
- Pour contrôler cette caméra via un contrôleur fabriqué par un tiers, veuillez contacter notre service après-vente ou notre département de technologie.

CÂBLAGE DE LA CAMÉRA

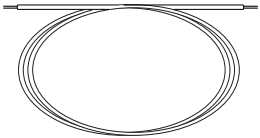
Connexion des signaux de contrôle

- Communications RS-485



Câble de communication

Pour que la caméra communique avec le contrôleur, il est nécessaire de disposer d'une ligne de communication RS-485.



- ! ■ Pour la connexion, il est recommandé d'utiliser un câble d'une longueur inférieure ou égale à 30 m.
- Le câble de communication n'est pas fourni avec la caméra.

SPÉCIFICATIONS

Éléments		Description
Vidéo	Système imageur	1/2" 2.17M CMOS
	Nombre total de pixels	1952(H) x 1113(V), 2.17M
	Nombre de pixels réels	1937(H) x 1097(V), 2.12M
	Système de balayage	Progressif
	Luminosité minimale	Couleur : 0,01 lux (1/30sec, F1,5) B/N : 0 Lux (LED IR ON)
	Rapport signal / bruit	50dB
	Sortie vidéo	CVBS : 1,0 Vp-p / 75Ω composite, 720x480(N), 720x576(P), pour l'installation
Objectif	Longueur focale (facteur zoom)	6 ~ 222 mm (Optique 37X)
	Ouverture relative maxi	F1,5 (Panoramique) / F4,6 (Télé)
	Champ de vision angulaire	H : 59,3°(Panoramique) ~ 1,9°(Télé) / V : 35,8°(Panoramique) ~ 1,1°(Télé)
	Distance minimale de l'objet à l'objectif	Grand-angle 1,5 m, Télé 2 m
	Contrôle de la mise au point	Automatique/manuelle/Prise AF
	Type d'objectif	Automatique CC
	Type montage	Type embarqué
Panoramique / Inclinaison / Rotation	Plage de panoramique	360° Sans fin
	Vitesse de panoramique	Préréglage : 400°/sec, Manuel : 0,024°/sec ~ 250°/sec
	Plage d'orientation	190°(-5° ~ 185°)
	Vitesse d'inclinaison	Préréglage : 300°/sec, Manuel : 0,024°/sec ~ 250°/sec
	Séquence	Préréglage (300ea), Oscillation, Groupe (6ea), Trace, Tour, Exéc Auto, Programme
	Précision du préréglage	±0.2°
	Azimuth	Oui (E/W/S/N/NE/NW/SE/SW OSD)
	Suivi automatique	Désactivé / Activé

Éléments		Description
Opérationnel	Titre de caméra	Désactivé / Activé (Affichage jusqu'à 85 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) / Couleur / N/B / Programme
	Compensation de rétroéclairage	Désactivé / BLC / HLC / WDR
	Large gamme dynamique	150 dB
	Amélioration du contraste	SSDR (Désactivé / Activé)
	Réduction du bruit numérique	SSNR5 (Filtre bruit 2D+3D) (Désactivé / Activé)
	Stabilisation d'image numérique	Désactivé/Activé (gyroscopique intégré)
	Dénébuler (Optical)	Auto / Manuel / Désactivé
	Détection mouvement	Désactivé/Activé (8ea, rectangle)
	Masque de confidentialité	Arrêt / Marche (24 zones de zone rectangulaire) - Couleur : Gris/Vert/Rouge/Bleu/Noir/Blanc/Blanc - Option de sélection du taux de zoom pour le mode Masque - Option mosaïque
	Contrôle du gain	Désactivé / Faible / Moyen / Élevé
	Balance Blancs	ATW/AWC/Manuelle/Intérieure/Extérieure (mercure et sodium inclus)
	Vitesse d'obturateur électronique	Minimum / Maximum / Anti scintillement (2 ~ 1/12,000sec)
	Zoom numérique	32x
	Rotation d'image	Retourner / Miroir : Désactivé / Activé
	Analyse vidéo et audio	Violation, Ralenti, Détection de direction, Ligne virtuelle, Entrée/Sortie, Apparaître/Disparaître, Détection audio, Détection de visage, Détection de mouvement, Détection de brouillard, Classification sonore
	Interface de série	RS-485 - Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell
	E/S alarme	Entrée 4 ea / Sortie 2 ea (Type de relais)
	Déclenchements d'alarme	Entrée d'alarme, Détection de mouvements, Analyse vidéo et audio, Réseau déconnecté

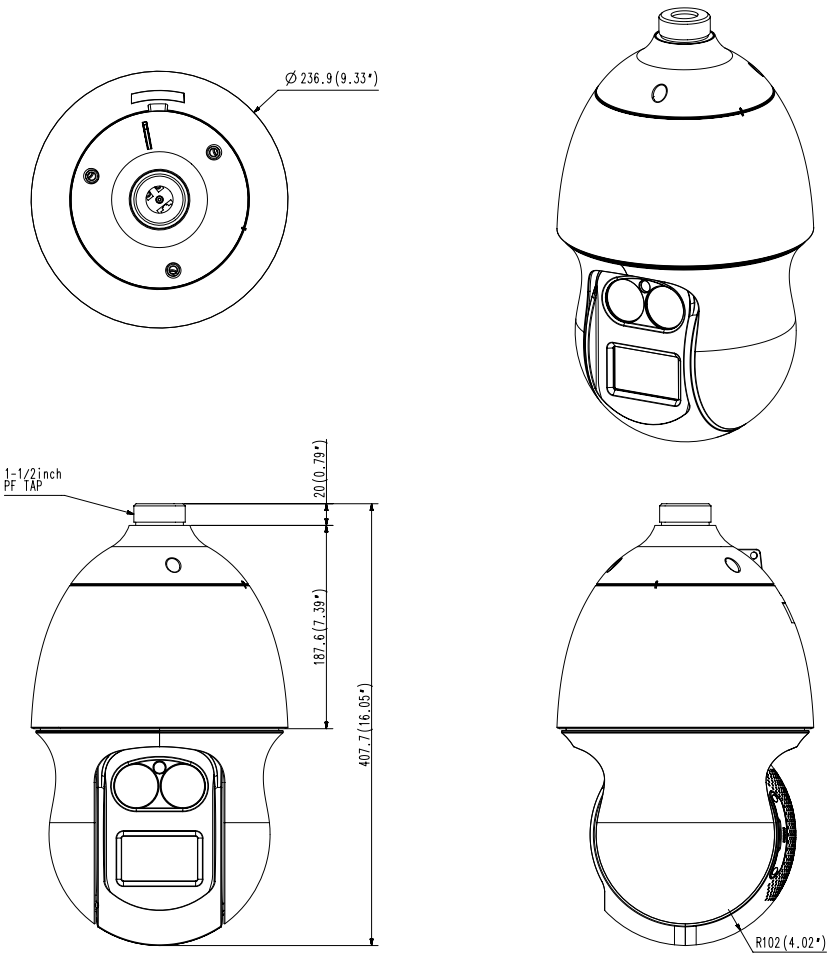
Éléments	Description
Opérationnel	Événements d'alarme <ul style="list-style-type: none"> • Téléchargement du fichier via un serveur FTP, E-Mail • Notification par e-mail, TCP et HTTP • Stockage local(SD/SDHC/SDXC) ou enregistrement NAS de l'événement (déclencheurs d'alarme) • Sortie externe • Réglage PTZ
	Entrée audio <p>Sélectionnable (entrée mic/entrée ligne), Tension d'alimentation : 2,5 V CC (4 mA), impédance d'entrée : env. 2 k Ohms</p>
	Sortie audio <p>Ligne de sortie (Mono jack 3,5 mm), Niveau de sortie max: 1Vrms</p>
	Comptage de pixels <p>support</p>
Réseau	Ethernet <p>RJ-45 (10/100BASE-T)</p>
	Format de compression vidéo <p>H.264 (MPEG-4 Part 10/AVC), H.265, Motion JPEG</p>
	Résolution <p>1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240</p>
	Vitesse d'enregistrement max. <p>H.265/H.264 : Max. 60fps pour toutes résolutions Mouvement JPEG : Max. 30fps pour toutes résolutions</p>
	Smart Codec <p>Mode manuel (en fonction de la zone: 5EA)</p>
	Réglage de la qualité vidéo <p>H.264/H.265/MJPEG : Contrôle du niveau du débit binaire</p>
	Méthode de contrôle du débit binaire <p>H.264/H.265 : CBR ou VBR, avec WiseStream Motion JPEG : VBR</p>
	Fonction de lecture en transit <p>Lecture en transit multiple (Jusqu'à 10 profils)</p>
	Format de compression audio <p>G.711 u-law / G.726 sélectionnable G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC : 48Kbps à 16KHz</p>
	Communication audio <p>Bidirectionnel</p>

Éléments	Description
Réseau	IP <p>IPv4, IPv6</p>
	Protocole <p>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</p>
	Sécurité <p>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)</p>
	Méthode de lecture en transit <p>Diffusion individuelle / multiple</p>
	Nombre maximal d'utilisateurs en accès <p>20 utilisateurs max en mode Diffusion individuelle</p>
	Edge storage <p>SD/SDHC/SDXC (jusqu'à 128GB) - Les images en mouvement enregistrées dans la carte mémoire SD/SDHC/SDXC peuvent être téléchargées. - la caméra peut détecter automatiquement lorsque la mémoire est connectée - affichage de l'état de la mémoire (Prêt / Erreur / Enregistrement / Formatee / Verrouillée) NAS (Serveur de stockage en réseau) PC local pour un enregistrement instantané (visualiseur avec plug-in uniquement)</p>
	Interface de programmation de l'application <p>ONVIF Profile S/G SUNAPI 2.0(HTTP API) Plateforme ouverte fournie par WiseNet</p>
	Langue de la page Web <p>Anglais, Français, Allemand, Espagnol, Italien, Chinois, Coréen, Russe, Japonais, Suédois, Portugais, Tchèque, Polonais, Turc, Néerlandais, Hongrois, Grec</p>
	Web Viewer <p>Système d'exploitation pris en charge : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Visualiseur Web sans plug-in Navigateur pris en charge : Google Chrome, MS Edge, Mozilla Firefox (Windows 64 bits uniquement), Apple Safari 10 (Mac OS X uniquement) Visualiseur avec plug-in Navigateur pris en charge : MS Explorer 11, Apple Safari 10 (Mac OS X uniquement)</p>
	Logiciel de gestion centrale CMS <p>SmartViewer</p>

Éléments		Description
Environnemental	Température / Humidité de fonctionnement	-50°C ~ +55°C (-58°F ~ +131°F) / Moins de 90 % d'humidité relative
	Température / Humidité de stockage	-50°C ~ +60°C (-58°F ~ +140°F) / Moins de 90 % d'humidité relative
	Protection captage	IP66
	Résistance au vandalisme	IK10
Électrique	Tension d'entrée / Courant	AC 24 V ±10 %
	Consommation d'énergie	90W(Dispositif de chauffage ON, IR ON), 60W(Dispositif de chauffage OFF, IR ON)
Mécanique	Couleur / Matériau	Noir(tête) + Ivoire(corps) / Plastique + métal
	Dimensions (Ø x H)	Ø236,9 x H407,7 mm
	Poids	7,1 kg

VUE DU PRODUIT

Unité : mm (pouce)



RÉSOLUTION DE PROBLÈMES

PROBLÈME	SOLUTION
Le volume du microphone change périodiquement lorsque vous accédez au Web Viewer via Chrome ou Firefox sous Windows 10.	<ul style="list-style-type: none"> Cela se produit lorsque le pilote du microphone est réglé sur Realtek. Modifiez-le en installant le pilote de périphérique High Definition Audio (pilote par défaut Windows) ou un pilote tiers.
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"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> Les visionneurs connectés se déconnectent à tout changement apporté à la caméra ou aux configurations de réseau. Vérifier toutes les connexions de réseau. Si la caméra est connectée par un réseau PPPoE, il est possible que le visionneur se déconnecte en raison de mauvaises conditions de réseau.
La caméra connectée au réseau n'est pas détectée dans le programme Device Manager.	<ul style="list-style-type: none"> Désactiver les paramètres de pare-feu sur votre PC et chercher de nouveau la caméra.
Chevauchement d'images.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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
L'enregistrement audio ne fonctionne pas, même si l'entrée Audio est configurée.	<ul style="list-style-type: none"> Rendez-vous sur <Infos de base>-<Vidéo profil> et vérifiez la case <Entrée audio>.
Après avoir réglé <Détection mvt> sur <Activer> dans <Analyse>, aucun fichier n'est transmis par e-mail même si un événement analytique de vidéo s'est produit sur la caméra.	<ul style="list-style-type: none"> Vérifiez les réglages selon la séquence suivante : <ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> Vérifiez les réglages de port de sortie de l'alarme.
Impossible d'effectuer un enregistrement sur la carte mémoire SD.	<ul style="list-style-type: none"> Vérifiez que la carte mémoire n'est pas défectueuse.
La carte mémoire SD est insérée mais la caméra ne fonctionne pas correctement.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> Assurez-vous que l'information enregistrée dans le système NAS soit correcte.
Un rapport mentionne que le réglage du système NAS a échoué.	<ul style="list-style-type: none"> 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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ethtool-4.2	GPL 2.0	
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It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

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

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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. 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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Julian Seward, jseward@bzip.org

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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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Hanwha Vision se soucie de l'environnement à toutes les phases de fabrication du produit et s'engage à tout mettre en œuvre pour offrir à ses clients des produits plus respectueux de l'environnement.

La marque Eco représente l'engagement de Hanwha Vision à créer des produits respectueux de l'environnement et indique que le produit est conforme à la Directive RoHS de l'Union européenne.



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

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

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

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



Elimination des batteries de ce produit

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

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

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

