

CAMÉRA RÉSEAU

Manuel d'utilisation

XNP-6550RH



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 une unité d'alimentation répertoriée de « classe 2 » ou « LPS » et un courant nominal de 24 Vac (50/60 Hz) min. 4,9 A ou PoE, 1,15 A.
16. Si vous utilisez une force excessive lors de l'installation du produit, la caméra risque d'être endommagée et de ne pas fonctionner correctement.
Si vous installez le produit à l'aide d'outils non conformes, le produit risque d'être endommagé.
17. Ne pas installer le produit dans un endroit où des substances chimiques ou des nuages d'huile existent ou peuvent être générés. Comme les huiles comestibles telles que l'huile de soja peuvent endommager ou déformer le produit, n'installez pas le produit dans la cuisine ou près de la table de cuisine.
Cela peut endommager le produit.
18. Lors de l'installation du produit, veillez à ne pas laisser la surface du produit se colorer avec une substance chimique.
Certains solvants chimiques tels que des produits de nettoyage ou des adhésifs peuvent causer de graves dommages à la surface du produit.
19. Si vous installez / désassemblez le produit d'une manière qui n'a pas été recommandée, les fonctions / performances de production peuvent ne pas être garanties.
Installez le produit en vous référant à "Installation et connexion" dans le manuel d'utilisation.
20. L'installation ou l'utilisation du produit dans l'eau peut causer des dommages importants au produit.
21. Si votre produit fonctionne normalement, le degré de précision pré-réglé est 0,2. Dans le cas d'un redémarrage suite à une panne, mise à niveau du logiciel etc. il se peut que sa tolérance doive être ajustée après avoir vérifié les changements dans la configuration pré-réglée.



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.

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

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

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

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

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

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

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

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

Dans certains environnements d'installation, les communications radio peuvent subir des interférences.

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

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SPÉCIFICATIONS PC RECOMMANDÉES

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

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

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

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

NAS — INDICATIONS DU FABRICANT

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

Produits recommandés	Grandeurs disponibles
NAS Netgear	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.



- Lors de l'utilisation d'équipement NAS de Netgear, ne définissez pas de capacité d'utilisation.
- Si vous utilisez de l'équipement NAS à des fins autres que de la sauvegarde vidéo, le nombre de caméras accessibles peut diminuer.

CONTENU

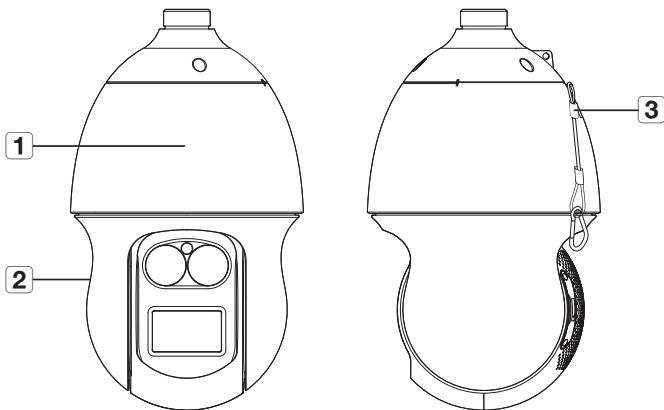
Veuillez vérifier si votre caméra et l'ensemble de ses accessoires sont contenus dans l'emballage du produit.
(l'accessoire varie selon le pays de vente.)

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	
	Injecteur HPoE ※ Inclus uniquement avec le XNP-6550RH/ (*US, *EU, *JP)	1	Raccorde à l'alimentation et au réseau
	Câble de branchement ※ Inclus uniquement avec le XNP-6550RH/ (*US, *EU, *JP)	1	Raccorde au HPoE
	Câble pour l'écran de test	1	Permet de tester la connexion de la caméra à un dispositif d'affichage portable
	Connecteur audio/RS-485	1	Utilisé pour l'audio et la connexion RS-485
	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.

Apparence	Nom de l'élément	Quantité	Description
	Base de l'installation	1	Support pour l'installation du produit
	Accessoire d'imperméabilité	1	Installer et utiliser à des emplacements très humides.

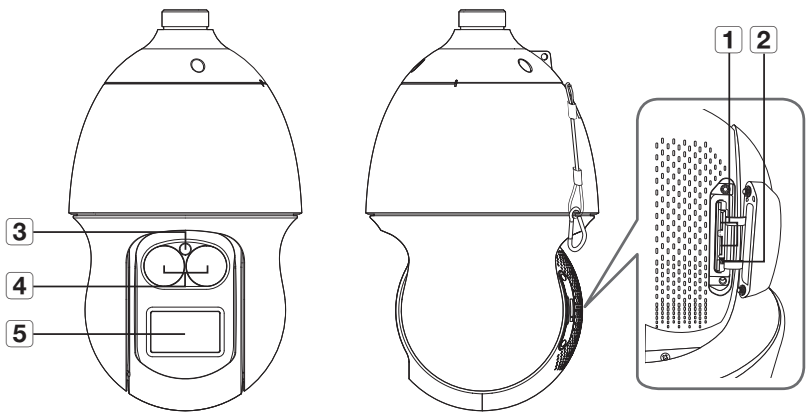
D'UN COUP D'ŒIL

Apparence



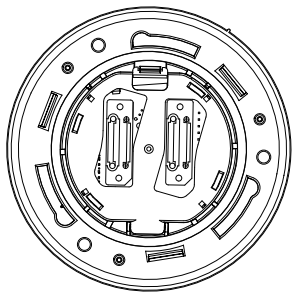
Élément	Description
1 Unité principale	Protège le mécanisme PTZ de la lumière directe du soleil, de la pluie ou de tout impact externe.
2 Couverture de protection	Couvercle de protection pour l'objectif et l'unité.
3 Câble de sécurité	Le câble prévient toute chute de l'appareil lors de l'installation.

Intérieur

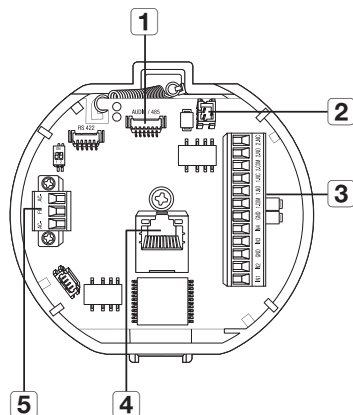


Élément	Description
1 Compartiment de la carte mémoire Micro SD	Compartiment de la carte mémoire Micro SD. ☒ Veuillez vous référer à <Insérer/retirer une carte mémoire Micro SD> au regard de l'emplacement du logement de carte mémoire Micro SD. (page 10)
2 Bouton de réinitialisation	Le bouton permet de 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 Connecteur audio/RS-485	Cette borne sert à connecter les câbles audio et RS-485.
2 Port de sortie vidéo	Port de sortie vidéo analogique. (pour l'installation)
3 Port E/S d'alarme	Permet de connecter le câble E/S de l'alarme
4 Connexions réseau	Port pour la connexion avec le réseau à l'aide d'un câble Ethernet.
5 Port d'alimentation	Permet de connecter l'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

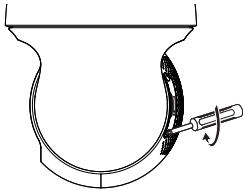
Assurez-vous de bien lire les instructions suivantes avant d'installer la caméra.

- 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.

Insertion de la carte mémoire micro SD

1. Dévissez deux vis sur le support SD et tournez-les dans le sens anti-horaire à l'aide d'un tournevis.

- 
- Déconnectez le câble d'alimentation de la caméra avant d'y insérer la carte mémoire Micro SD.
 - En cas de pluie ou lorsque le taux d'humidité est élevé, l'insertion ou l'éjection d'une carte Micro SD n'est pas recommandée.
 - Lors de l'installation/retrait de la carte mémoire micro SD, faites bien attention de mettre le produit à plat sur le sol avant de travailler dessus afin d'éviter des accidents dus à une chute ou perte de pièces.
 - Ne retirez pas complètement la vis.

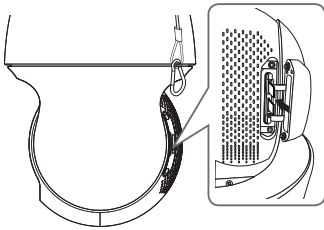


2. Tirez sur le support SD et enfoncez la carte mémoire micro SD dans le sens de la flèche tel qu'indiqué sur la figure.

- 
- N'essayez pas de l'insérer par force dans la direction opposée, car cela pourrait endommager votre carte Micro SD ainsi que produit.

3. Assemblez la caméra dans l'ordre inverse du démontage une fois que la carte mémoire micro SD a été insérée.

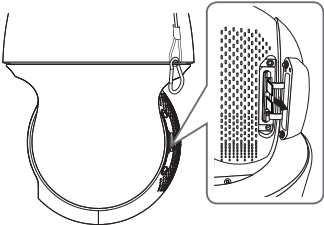
- 
- Serrez les vis lors de l'assemblage du corps de la caméra, du panneau de protection et du support SD pour éviter l'infiltration d'humidité.



Retrait de la carte mémoire micro SD

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

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



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

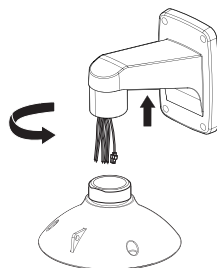
Modèle	Élément
SBP-300WM1	Monture au mur
SBP-300WM	
SBP-300CM	Monture au plafond
SBP-300LM	Monture sur parapet
SBP-300KM	Monture d'angle
SBP-300PM	Monture sur poteau

- 
- Reportez-vous à la section « Accessoires en option pour l'installation » afin d'identifier les différents supports (dégrouvés). (page 13)

Installation via une monture au mur

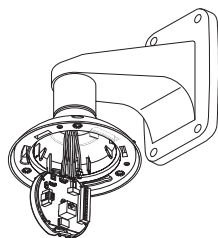
■ Fixation de la base d'installation à l'aide du support

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 ferrée 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 14 pour connecter les câbles.

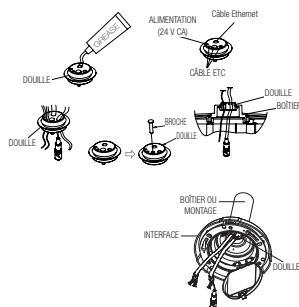
- ! ■ Ne branchez pas la caméra à la prise murale avant la fin de l'installation. Le branchement de l'alimentation en cours d'installation risque de provoquer un incendie ou d'endommager le produit.



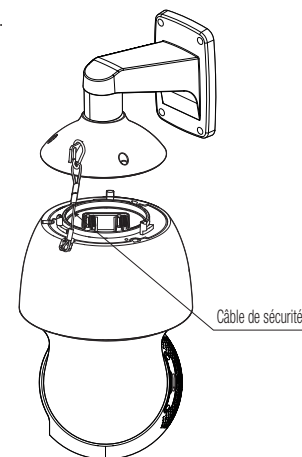
- ✓ Vérifier la méthode de connexion du câble et installer.

- 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.

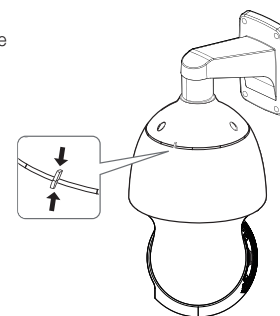
- Appliquez sur la **DOUILLE** la dose de graisse appropriée avant le montage et faites passer les câbles par les différents trous de douilles. Utilisez les **BROCHES** pour boucher les trous par lesquels aucun câble ne passe.
- Assemblez la **DOUILLE** sur la partie supérieure de l'intérieur du **BOÎTIER**, 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.

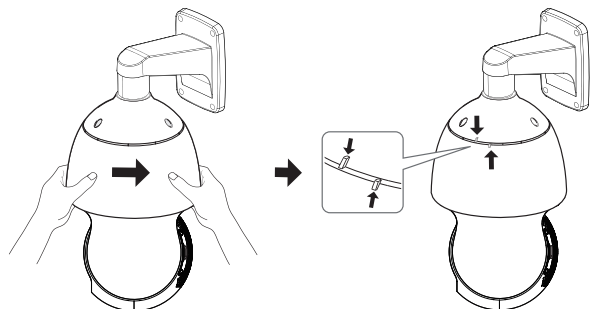


4. Assemblez la caméra et la base d'installation. Assemblez la caméra et la base d'installation en faisant correspondre les guides directionnels de l'installation.



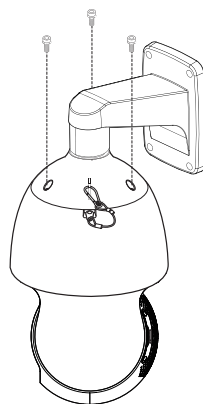
5. Fixez la caméra.

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

Fixez la caméra et la base d'installation, tel qu'indiqué dans l'illustration ci-dessous, à l'aide de 3 vis hexagonales.



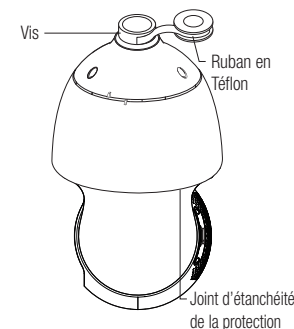
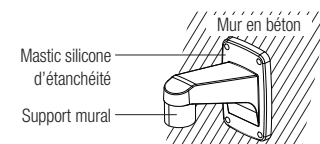
Remarques sur l'étanchéité

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.

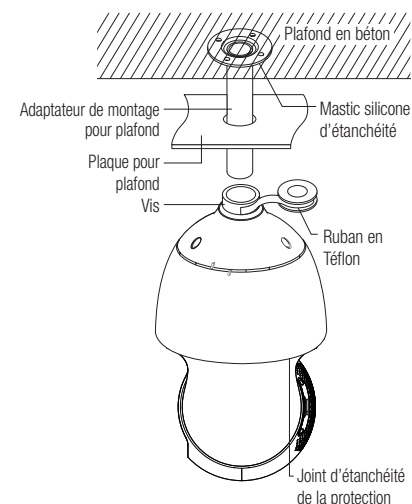
! ■ Prenez garde à ce qu'il y ait une bonne étanchéité si la surface d'installation n'est pas plane.



■ 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 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.

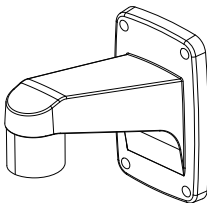


Accessoires en option pour l'installation

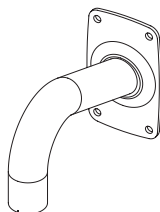
Pour faciliter l'installation, vous pouvez acheter les accessoires appropriés disponibles en option.

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

- Monture au mur (SBP-300WM1)

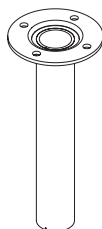


- Monture au mur (SBP-300WM)



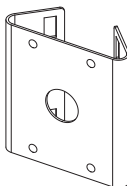
2. En cas d'installation de la caméra au plafond

- Monture au plafond (SBP-300CM)



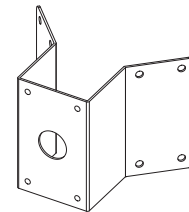
3. En cas d'installation de la monture au mur (SBP-300WM/SBP-300WM1) sur un cylindre d'au moins 80 mm de long

- Monture sur poteau (SBP-300PM)



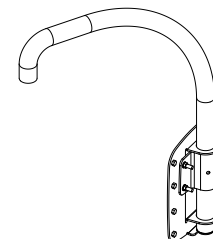
4. En cas d'installation de la monture au mur (SBP-300WM /SBP-300WM1) sur un angle de mur

- Monture d'angle (SBP-300KM)

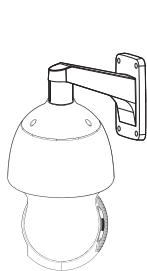


5. En cas d'installation sur un toit d'immeuble

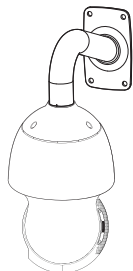
- Monture sur parapet (SBP-300LM)



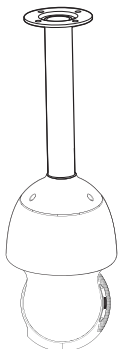
■ Assemblage du support



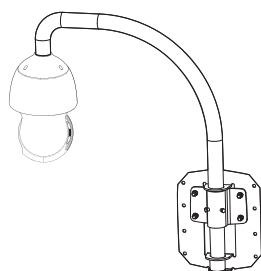
Monture au mur (SBP-300WM1)



Monture au mur (SBP-300WM)



Monture au plafond (SBP-300CM)

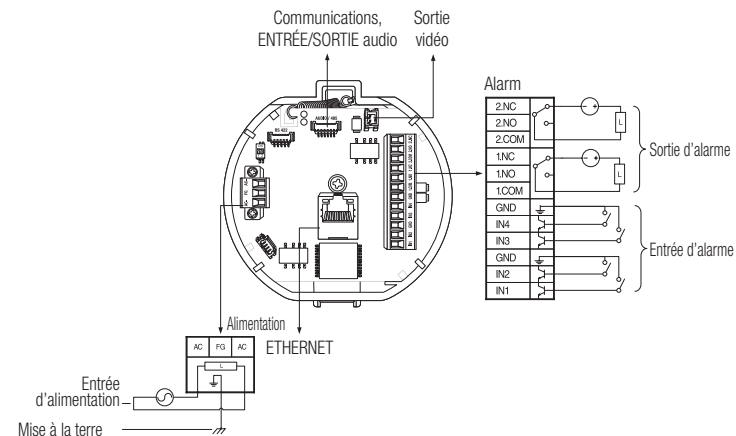


Monture sur parapet (SBP-300LM)

CONNEXION À D'AUTRES PÉRIPHÉRIQUES

Carte d'interface du câblage de la caméra

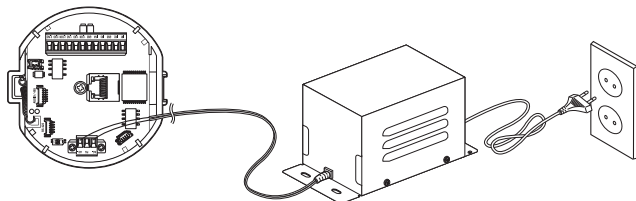
Pour le câblage de la caméra, veuillez consulter l'illustration ci-dessous.



- 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, veillez 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.

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.
- Si vous voulez connecter un dispositif externe, vous devez mettre ce dispositif externe hors tension avant de continuer.

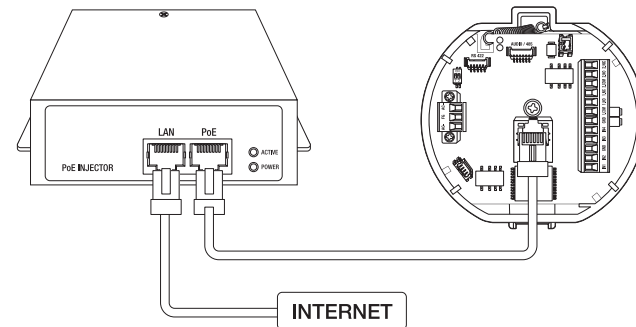
Caractéristiques du câble d'alimentation

En cas d'une entrée d'alimentation 24 V CA :

Type de câble (AWG)	#16	#14
Longueur de câble (max.)	14m	23m

Connexion Ethernet

Connectez le câble Ethernet au réseau local ou à Internet.



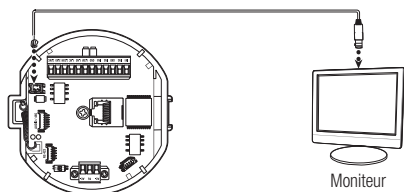
- Veuillez utiliser un adaptateur conforme et adapté à l'alimentation du dispositif.

Spécifications du câble réseau

Élément	Contenus	Remarque
Connecteur	RJ45 (10/100BASE-T)	
Ethernet	10/100BASE-T	
Câble	5e catégorie UTP	
Distance max.	100 M	Résistance CC $\leq 0.125 \Omega/m$
Support du HPoE	HPoE	

Connexion du moniteur d'installation

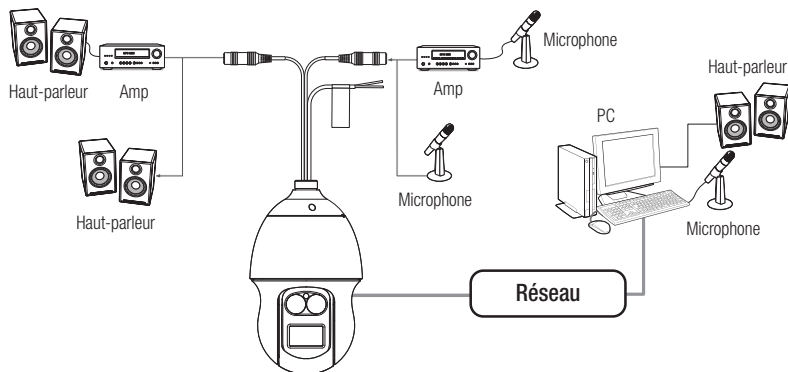
Connectez le câble à la borne de sortie vidéo située à l'arrière de la caméra et à la borne d'entrée vidéo du moniteur d'installation.



- Le câblage varie selon les types de moniteur et de périphérie 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.

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** : Sélectionnable (microphone / ligne), tension prise en charge : 2,5V CC (4mA), Impédance d'entrée : 2000 Ohms

- **Sortie audio** : Sortie ligne (3,5mm mono jack), sortie maximale : 1Vms

- **Impédance de sortie de ligne** : 600Ω

Câblage de la caméra

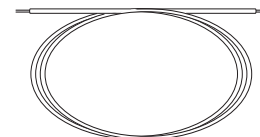
Connexion des signaux de contrôle

- 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.



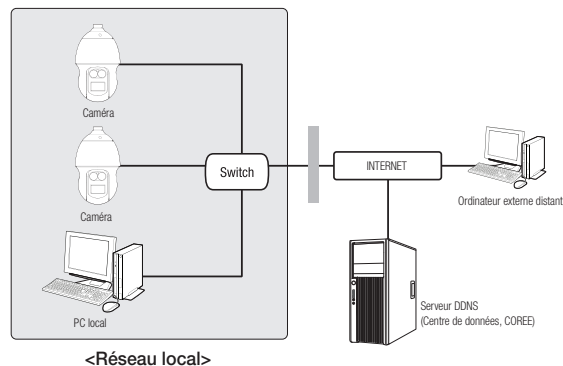
- !**
- Pour la connexion, il est recommandé d'utiliser un câble d'une longueur inférieure ou égale à 30 m.
 - Le câble de communication n'est pas fourni avec la caméra.

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

CONNECTER LA CAMÉRA DIRECTEMENT AU RÉSEAU DE ZONE LOCALE

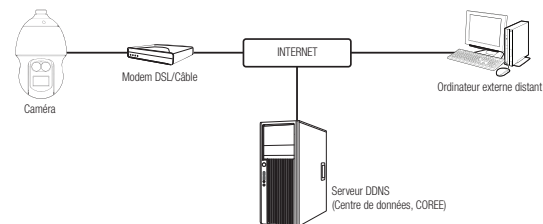
Se connecte à la caméra à partir d'un PC local sur le LAN

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 18)

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.

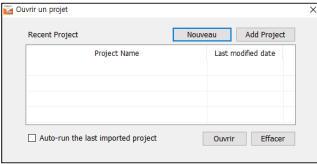
- Pour plus d'informations sur la configuration de DDNS, reportez-vous à l'aide en ligne de Web Viewer.
- Pour plus d'informations sur la définition du format IP, reportez-vous à l'aide en ligne de Web Viewer.

UTILISATION DE DEVICE MANAGER

- Le programme Device Manager peut être téléchargé depuis le menu <Support> – <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.

CONFIGURATION DE PROJETS

Vous pouvez enregistrer et importer des caméras pour chaque projet.
Pour créer un nouveau projet, définissez le nom du projet et un mot de passe.
Vous devez saisir un mot de passe pour exécuter le projet créé.



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 <Recherche> 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

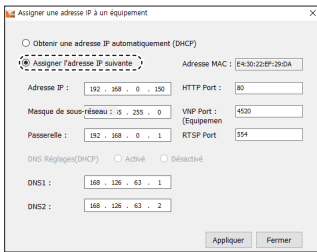
Si vous souhaitez modifier les paramètres réseau de la caméra, le signe <Login OK> doit être affiché sous <Statut>. Pour vous connecter, cliquez sur <Credential> sur la page principale.

Configuration de l’IP statique

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

Lors de la configuration d’une seule caméra

1. Dans la liste, cliquez sur la caméra dont vous voulez modifier la configuration IP.
2. Cliquez sur <IP Assign> 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.



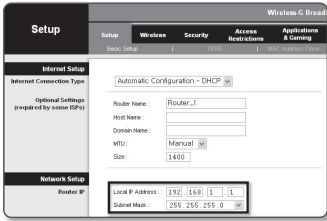
Si vous n’utilisez pas de Routeur large bande

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 20)

Si le Routeur large bande dispose de plusieurs caméras connectées

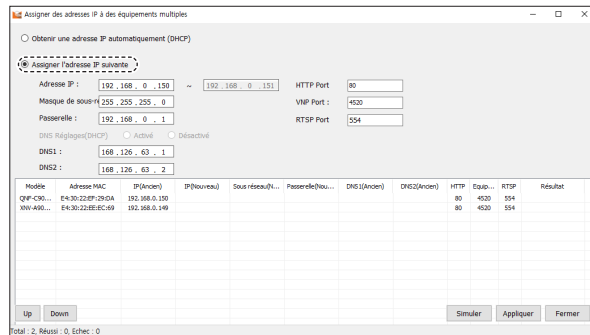
Configurez séparément les réglages IP et les réglages de port.

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].

Lors de la configuration de plusieurs caméras



1. Dans la liste, cliquez sur la caméra dont vous voulez modifier la configuration IP.
2. Cliquez sur **<IP Assign>** sur la page principale de Device Manager.
3. Sélectionnez **<Assigner l'adresse IP suivante>**.
4. Saisissez l'adresse initiale de la plage d'adresses IP à attribuer.
5. Cliquez sur le bouton **[Simuler]** pour vérifier l'adresse IP à attribuer à chaque équipement.
 - Vous pouvez modifier chaque adresse en double-cliquant sur l'élément Adresse IP.
6. Cliquez sur le bouton **[Appliquer]** pour démarrer l'attribution de l'adresse IP.
7. Vérifiez l'élément **<Résultat>** pour vérifier que l'adresse IP a bien été attribuée.

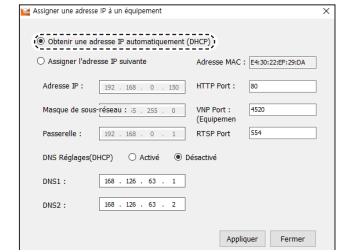
Configuration de l'IP dynamique

Le DHCP vous envoie l'adresse IP.

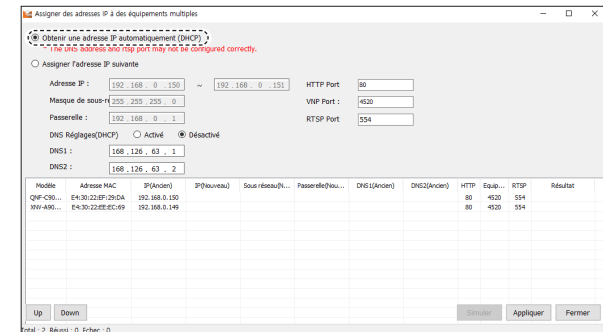
- Exemple d'environnement IP Dynamique
 - Routeur large bande, disposant de caméras connectées, affecté à une adresse IP par le serveur DHCP
 - En cas de connexion directe de la caméra au modem via les protocoles DHCP
 - Adresses IP affectées par le serveur DHCP interne via le réseau LAN

Lors de la configuration d'une seule caméra

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



Lors de la configuration de plusieurs caméras

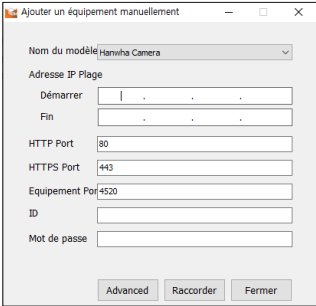


1. Dans la liste, cliquez sur la caméra dont vous voulez modifier la configuration IP.
2. Cliquez sur **<IP Assign>** sur la page principale de Device Manager.
3. Sélectionnez **<Obtenir une adresse IP automatiquement (DHCP)>**.
4. Cliquez sur le bouton **[Appliquer]** pour démarrer l'attribution de l'adresse IP.
5. Vérifiez l'élément **<Résultat>** pour vérifier que l'adresse IP a bien été attribuée.

ENREGISTREMENT MANUEL DE LA CAMÉRA

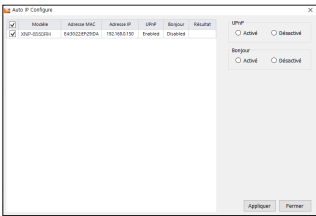
Si la caméra ne peut pas être trouvée à l'aide de la fonction de recherche, elle peut être enregistrée à distance en entrant manuellement les informations IP, si la caméra est connectée à un réseau externe.

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



CONFIGURATION AUTOMATIQUE DE L'IP

- 1. Dans la liste, cliquez sur la caméra dont vous voulez configurer automatiquement l'IP.
- 2. Cliquez sur < + > sur la page principale de Device Manager.
 - Le menu Configuration de l'équipement s'affiche.
- 3. Dans le menu, cliquez sur <Auto IP Configure>.
- 4. Pour utiliser le protocole <UPnP> ou <Bonjour>, sélectionnez <Activé> et cliquez sur le bouton [Appliquer].

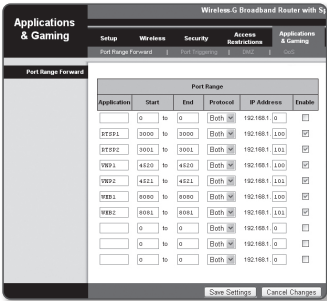


CONFIGURATION DE LA REDIRECTION DE LA PLAGE DE PORTS (MAPPAGE DE PORTS)

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 caméras connectées au Routeur large bande. 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.
- 3. Une fois terminé, cliquez sur [Save Settings]. Vos réglages seront ainsi sauvegardés.

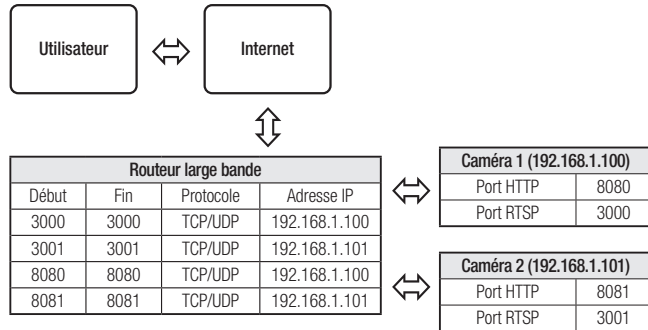


- La configuration du transfert de port est un exemple de configuration du routeur IP CISCO.
- Les réglages peuvent varier selon le modèle du Routeur large bande connecté. Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.

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. Sélectionnez le projet souhaité, puis cliquez sur le bouton [Ouvrir].
3. La saisie du mot de passe affiche la liste des caméras du projet.
4. 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 caméra ou l'adresse IP du Routeur large bande dans la barre d'adresse.
ex.) <http://ddns.hanwha-security.com/ID>

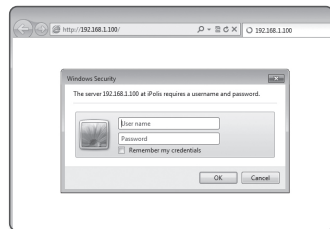


- Pour utiliser le DDNS, inscrivez-vous sur la page d'accueil DDNS (<http://ddns.hanwha-security.com>) et enregistrez le produit sur [Mon DDNS]>[Enregistrer le produit].

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.



- Pour utiliser le protocole UPnP ou Bonjour, reportez-vous à "Configuration automatique de l'IP".

Vérification de l'adresse DDNS

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

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

RÉGLAGE DU MOT DE PASSE

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

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



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

Administrator password change

New password

Confirm new password

. If the password is 8 to 9 letters long, then it should be a combination of at least three types upper/lower case 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: 111, 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.

INSTALLATION DE LA VISIONNEUSE WEB DE LA CAMÉRA

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

SPÉCIFICATIONS

	Éléments	Description
Vidéo	Système imageur	1/2.8" 2.16M CMOS
	Nombre total de pixels	1945(H) X 1109(V), 2.16M pixels
	Nombre de pixels réels	1945(H) X 1097(V), 2.13M pixels
	Système de balayage	Balayage progressif
	Luminosité minimale	Couleur : 0.02 lux (1/30sec, F1.6) B/N : 0.002 lux (1/30sec, F1.6) 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)	4.75mm ~ 261.4mm (55x)
	Ouverture relative maxi	F1.6 (Panoramique) / F6.5 (Télé)
	Champ de vision angulaire	H : 58.6°(Panoramique) ~ 1.23°(Télé) / V : 34.8°(Panoramique) ~ 0.71°(Télé)
	Distance minimale de l'objet à l'objectif	5m
	Contrôle de la mise au point	Autofocus / One-Shot AF / Manuel
	Type d'objectif	Automatique CC
	Type montage	Type embarqué
	Vitesse du mouvement de zoom	Approx. 5 secondes (large à télé)
Panoramique / Inclinaison / Rotation	Plage de panoramique	360° Sans fin
	Vitesse de panoramique	Préréglage : 400°/sec, Manuel : 0,024°/sec ~250°/sec
	Plage d'orientation	95°(-5° ~ 90°)
	Vitesse d'inclinaison	Préréglage : 250°/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	Longueur de visualisation	500m
	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
	Compensation de rétroéclairage	Désactivé / BLC / HLC / WDR
	Large gamme dynamique	120 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)
	Dénébuliser (Optical)	Auto / Manuel / Désactivé
	Détection mouvement	Oui (Zones de polygones 8ea)
	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 / Manuel / Intérieur / Extérieur / Mercure / Sodium
	Vitesse d'obturateur électronique	Minimum / Maximum / Anti scintillement (2 ~ 1/12,000sec)
	Zoom numérique	32x, la fonction de zoom localisé prend en charge le zoom numérique 2x
	Rotation de l'image	Retourner / Miroir : Désactivé / Activé
	Analyse vidéo intelligente	Violation, Ralenti, Détection de direction, Ligne virtuelle, Entrée/Sortie, Apparaître/Disparaître, Détection audio, Détection de visage, Détection de mouvement, Détection de brouillard, Classification sonore
	E/S alarme	Entrée 4 ea / Sortie 2 ea (Type de relais)
	Interface de contrôle à distance	RS-485
	Protocole RS-485	Samsung-T/E, Pelco-D/P, Panasonic, Honeywell, AD, Vicon, GE, BOSCH
	Déclenchements d'alarme	Entrée d'alarme, Détection de mouvements, Analyse intelligente de la vidéo, Réseau déconnecté

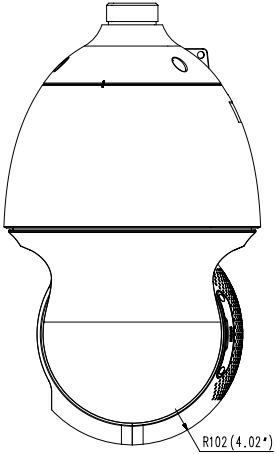
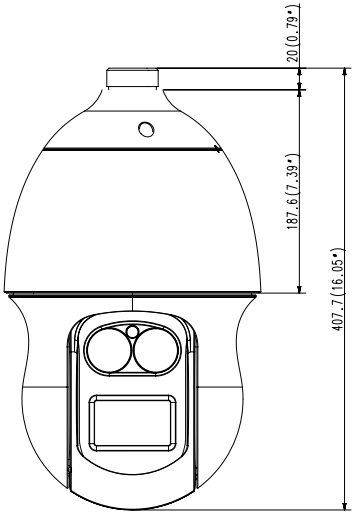
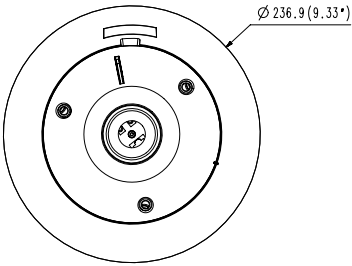
Éléments		Description
Opérationnel	Événements d'alarme	• Téléchargement du fichier via un serveur FTP, E-Mail • Notification via E-Mail • Stockage local(SD/SDHC/SDXC) ou enregistrement NAS de l'événement (déclencheurs d'alarme) • Sortie externe • Réglage PTZ
	Entrée audio	Sélectionnable (entrée mic/entrée ligne), Tension d'alimentation : 2,5 V CC (4 mA), impédance d'entrée : env. 2 k Ohms
	Sortie audio	Ligne de sortie (mini-fiche stéréo de 3,5mm), Niveau de sortie max: 1Vrms
	Comptage de pixels	Support
Réseau	Ethernet	RJ-45 (10/100BASE-T) SFP (*uniquement pour utilisation de SBP-303HF)
	Format de compression vidéo	Format H.265/H.264 (également connu sous le nom de MPEG-4 Part 10/AVC) : Principal/Base/Hauteur , Motion JPEG
	Résolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
	Vitesse d'enregistrement max.	H.265/H.264 : Max. 60fps pour toutes résolutions Mouvement JPEG : Max. 30fps pour toutes résolutions
	Smart Codec	Mode manuel (en fonction de la zone: 5EA)
	WiseStream II	Support
	Réglage de la qualité vidéo	H.264/H.265/MJPEG : Contrôle du niveau du débit binaire
	Méthode de contrôle du débit binaire	H.264/H.265 : CBR ou VBR MJPEG : VBR
	Fonction de lecture en transit	Lecture en transit multiple (Jusqu'à 10 profils)
	Format de compression audio	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
	Communication audio	Bidirectionnel

Éléments		Description
Réseau	IP	IPv4, IPv6
	Protocole	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
	Sécurité	Authentification de l'identifiant HTTPS(SSL) Authentification de l'identifiant en abrégé Filtrage de l'adresse IP Journal d'accès des utilisateurs Authentification 802.1x (EAP-TLS, EAP-LEAP)
	Méthode de lecture en transit	Diffusion individuelle / multiple
	Nombre maximal d'utilisateurs en accès	20 utilisateurs max en mode Diffusion individuelle
	Edge storage	Micro SD/SDHC/SDXC 2 fentes (jusqu'à 512 GB) - Enregistrement continu (1ère fente à 2ème fente) - Les images de mouvement enregistrées dans la carte mémoire Micro SD/SDHC/SDXC peuvent être téléchargées NAS (Serveur de stockage en réseau) PC local pour un enregistrement instantané
	Interface de programmation de l'application	ONVIF Profile S/G SUNAPI 2.0(HTTP API) Plateforme ouverte fournie par WiseNet
	Langue de la page Web	Anglais, Français, Allemand, Espagnol, Italien, Chinois, Coréen, Russe, Japonais, Suédois, Portugais, Tchéque, Polonais, Turc, Néerlandais, Hongrois, Grec
	Web Viewer	Système d'exploitation pris en charge : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Navigateur recommandé : Google Chrome Navigateur pris en charge : IE11, MS Edge, Mozilla Firefox (Supporté uniquement sur Windows 64bit), Apple Safari 10 (supporté uniquement sur Mac OS X)
	Logiciel de gestion centrale CMS	SmartViewer

Éléments		Description
Environnemental	Température / Humidité de fonctionnement	24 V CA : -50°C ~ +55°C (-58°F ~ +131°F) / Moins de 90 % d'humidité.relative HPoE : -40°C ~ +55°C (-40°F ~ +131°F) / Moins de 90 % d'humidité.relative * Le démarrage doit être fait au-dessus de -30°C (HPoE Mode)
	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	24 V CA / HPoE
	Consommation d'énergie	24 V CA : 92W HPoE : 60W
Mécanique	Couleur / Matériau	Noir(tête) + Ivoire(corps) / Aluminium, Plastique
	Dimensions (Ø x H)	Ø236,9 x H407,7 mm
	Poids	7.2 kg

VUE DU PRODUIT

Unité : mm (pouce)



RÉSOLUTION DE PROBLÈMES

PROBLÈME	SOLUTION
Aucune vidéo n'est affichée lors de l'accès libre au visualiseur Web de plug-in sur Safari via HTTPS.	- Dans la fenêtre d'authentification contextuelle affichée lors de l'accès initial à https, cliquez sur "Afficher certificat d'authentification" et sélectionnez l'option "Toujours faire confiance lors de la connexion à l'adresse IP du visualiseur Web désigné". - Si le visualiseur Web ne peut toujours pas lire une vidéo après avoir sélectionné "Suivant" dans la fenêtre de message ci-dessous, appuyez sur la touche de commande + Q pour quitter le navigateur Safari puis recommencez et suivez les procédures indiquées ci-dessus.
Je n'ai pas accès à la caméra à partir d'un navigateur Internet.	- Vérifier pour s'assurer que les paramètres de réseau de la caméra sont appropriés. - Vérifier pour assurer que tous les câbles de réseau ont été correctement connectés. - Si elle est connectée en utilisant DHCP, vérifier que la caméra peut acquérir des adresses IP dynamiques sans aucun problème. - Si la caméra est connectée à un Routeur large bande, vérifier que le renvoi de port est configuré correctement.
Le visionneur a été déconnecté pendant le suivi.	- Les visionneurs connectés se déconnectent à tout changement apporté à la caméra ou aux configurations de réseau. - Vérifier toutes les connexions de réseau.
La caméra connectée au réseau n'est pas détectée dans le programme Device Manager.	Désactiver les paramètres de pare-feu sur votre PC et chercher de nouveau la caméra.
Chevauchement d'images.	Vérifier si une ou plusieurs caméras sont configurée à une adresse multidiffusion unique au lieu d'adresses différentes. Si une adresse unique est utilisée pour des caméras multiples, les images peuvent se chevaucher.
Aucune image n'apparaît.	- Si la méthode de transmission est configurée sur multidiffusion, vérifier s'il y a un routeur qui prend en charge la multidiffusion dans le LAN sur lequel la caméra est connectée. - Vérifiez si le module d'objectif fonctionne normalement.

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

OPEN SOURCE ANNOUNCEMENT

GPL/LGPL software license

The software included in this product contains copyrighted software that is licensed under the GPL/LGPL. You may obtain the complete Corresponding Source code from us for a period of three years after our last shipment of this product by sending email to help.cctv@hanwha.com

If you want to obtain the complete Corresponding Source code in the physical medium such as CD-ROM, the cost of physically performing source distribution might be charged.

GPL SW

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	
mtdev-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtdev-utils
mtdev-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	
zerocool	GPL 2.0	

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

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

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

3. In accordance with the license granted under Article 4.1 above, the Source Code User may perform the following acts:

1. to copy and/or modify the Source Code provided by T-Engine Forum hereunder for its own research, development and the like.
2. to run the Source Code provided by T-Engine Forum hereunder for its own research, development and the like.
3. to run the Source Code modified in accordance with the provision of Article 4.3 (1) above for its own research, development and the like.
4. to distribute the Binary Code created from the Source Code provided by T-Engine Forum hereunder or from the Source Code modified in accordance with the provision of Article 4.3 (1) above.

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

1. to perform any and all acts set forth in the Article 4.3 above.
2. to develop and manufacture the Embedded Product containing the Binary Code, and, whether with or without payment, provide the End User with the same and make the Binary Code available to the End User on the Embedded Product.

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

Article 5. Distribution of Modified Source Code

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

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

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

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

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

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

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

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

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

Article 6. Distribution and Registration of the Ported Source Code

1. The Source Code User and the System Developer may, whether with or without charge, distribute to any third party only the following parts of the Ported

Source Code on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware:

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

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

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

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

1. The member shall confirm that the object hardware is the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.
2. The member shall provide T-Engine Forum with a complete set of operational environment for the object hardware and T-Kernel free of charge when requesting the distribution.
3. The member shall submit test results of the Ported Source Code to T-Engine Forum when requesting the distribution.

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

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

Article 7. Use for Other Purpose

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

Article 8. Limited Warranty

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

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

3. Neither T-Engine Forum nor the copyright holder of the Source Code warrants that the Source Code does not infringe any third party's industrial property rights. In no event shall T-Engine Forum and the copyright holder of the Source Code be liable for any dispute which may arise between the Source Code User and a third party in connection with the third party's industrial property rights.

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1. In case that T-Engine Forum considers that this License Agreement is breached or that the popularization of T-Kernel is obstructed, T-Engine Forum shall take measures to correct such breach or such obstruction, take measures on the ground of copyright infringement, or take any other necessary measures against the breaching person or the obstructing person, regardless of whether or not the said person is a member of T-Engine Forum.

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

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

Article 11. Governing Law and Language

1. This License Agreement shall be governed by and interpreted under the laws of Japan.
2. This License Agreement is executed in both Japanese text and English text provided that the Japanese text shall govern the interpretation and performance of this License Agreement.

Apache License 2.0

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Julian Seward, jseward@bzip.org

bzip2/libbzip2 version 1.0.5 of 10 December 2007

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iperf performance test

Mark Gates

Ajay Tirumala

Jim Ferguson

Jon Dugan

Feng Qin

Kevin Gibbs

John Estabrook

National Laboratory for Applied Network Research

National Center for Supercomputing Applications

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Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumini.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).



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

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

Cet équipement a été testé et se conforme aux limites relatives à un appareil numérique de classe A, conformément à la partie 15 des Réglementations FCC. Ces limites sont élaborées pour fournir un degré raisonnable de protection contre les interférences dangereuses si l'équipement fonctionne dans un environnement commercial.

Cet équipement génère, utilise et peut produire une énergie à radio fréquence, s'il n'est pas installé et utilisé selon le manuel d'instruction, il peut causer des interférences nuisibles aux communications radiophoniques.

Le fonctionnement de cet équipement au sein d'une zone résidentielle peut provoquer des interférences dangereuses, dans ce cas l'utilisateur est sommé de corriger l'interférence à ses propres frais.



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.

