Hanwha Vision

CAMÉRA RÉSEAU

Manuel d'utilisation

LND-6012R/LND-6022R/LND-6032R/LND-6072R
LNO-6012R/LNO-6022R/LNO-6032R/LNO-6072R
LNV-6012R/LNV-6022R/LNV-6032R/LNV-6072R

CE

Caméra Réseau
Manuel d'utilisation

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

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

INSTRUCTIONS IMPORTANTES RELATIVES À LA SÉCURITÉ

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



13. Débranchez cet appareil en cas d'orage ou de non-utilisation prolongée.
14. Veuillez faire appel au personnel qualifié pour tous travaux de maintenance. Les travaux de maintenance sont nécessaires si l'appareil a été endommagé de quelque manière que ce soit, comme cordon d'alimentation endommagé, liquide répandu, objets tombés sur l'appareil, appareil exposé à la pluie et à l'humidité, il ne fonctionne pas normalement ou est tombé par terre.
15. Ce produit est destiné à être alimenté par un boîtier d'alimentation de «Classe 2» ou «LPS» ayant une puissance nominale de PoE, 0.14A.
16. Ce produit est destiné à être alimenté par un courant isolé.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.

ATTENTION



EXPLICATION DES SYMBOLES GRAPHIQUES



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



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

Catégorie de classe I

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

Batterie

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

La batterie ne peut pas être remplacée.

Appareil déconnecté

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

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

ATTENTION

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

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

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.

AVERTISSEMENT

Pour éviter tout dommage pouvant être causé par la DEL IR, ne regardez pas la lampe de fonctionnement.

Pour les modèles ci-dessous seulement.

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LNO-6012R/LNO-6022R/LNO-6032R/LNO-6072R

LNV-6012R/LNV-6022R/LNV-6032R/LNV-6072R

Groupe de risque 1
AVERTISSEMENT Rayons IR émis par ce produit. **Ne pas regarder la lampe de fonctionnement.**
Produit testé selon la norme IEC 62471

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CARACTÉRISTIQUES DU PRODUIT

- **Indice d'étanchéité à la poussière et aux intempéries (IP66) (LNO-6012R/6022R/6032R/6072R, LNV-6012R/6022R/6032R/6072R)**
  Le modèle étanche à l'eau et à la poussière vous permet d'installer l'équipement à l'extérieur ou de l'exposer à la pluie en toute sérénité.
- **Mode IR**
  Lorsque le voyant IR s'allume, l'appareil passe en mode IR afin d'empêcher toute surexposition et de rendre visibles les objets à faible distance.
- **Prend en charge des vidéos de 2 mégapixels de résolution**
- **Lecture en transit multiple**
  Cette caméra réseau peut afficher des vidéos en différentes qualités et résolutions simultanément, en utilisant plusieurs CODEC.
- **Surveillance basée sur navigateur Web**
  Utilisation du navigateur Web pour afficher l'image dans un environnement réseau local.
- **Alarme**
  Lorsqu'un événement se produit, les vidéos associées sont envoyées au serveur e-mail et FTP enregistré de l'utilisateur ou stockées sur la carte mémoire Micro SD.
- **Détection de sabotage**
  Détecte les tentatives de sabotage sur la surveillance vidéo.
- **Détection de mouvement**
  Détecte les mouvements depuis l'entrée vidéo de la caméra.
- **Conformité ONVIF**
  Ce produit supporte l'ONVIF Profile S/G/T.
  Pour obtenir de plus amples informations, consultez le site Web www.onvif.org.

ONVIF
Driving network video through global standardization

SPÉCIFICATIONS PC RECOMMANDÉES

- CPU : Intel(R) Core(TM) i7 3.4 GHz ou supérieur
- RAM : 8G ou supérieur
- Système d'exploitation pris en charge : Windows 7, 8.1, 10, Mac OS X 10.12, 10.13, 10.14
- Navigateur recommandé : Google Chrome
- Navigateurs pris en charge : MS Explore11, MS Edge, Mozilla Firefox(Windows 64 bits uniquement), Apple Safari(supporté uniquement sur Mac OS X)
- VGA : Carte graphique PCIe 256MB GDDR3 ou supérieure

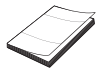
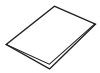
※ Certaines fonctions peuvent être restreintes même pour les navigateurs compatibles.

CARACTÉRISTIQUES RECOMMANDÉES POUR LA CARTE MÉMOIRE MICRO SD/SDHC

- Capacité recommandée : 16 Go ~ 32 Go (type MLC)
- Fabricants recommandés : SanDisk, Transcend
- Type de produit : Haute endurance
- La compatibilité varie en fonction des fabricants et des types de cartes.

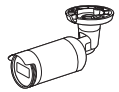
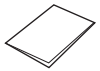
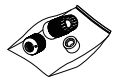
CONTENU (LND-6012R/6022R/6032R/6072R)

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

Apparence	Nom de l'élément	Quantité	Description
	Caméra	1	
	Guide de prise en main rapide	1	
	Carte de garantie (En option)	1	
	Gabarit	1	Guide d'installation du produit

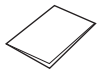
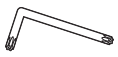
CONTENU (LNO-6012R/6022R/6032R/6072R)

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

Apparence	Nom de l'élément	Quantité	Description
	Caméra	1	
	Guide de prise en main rapide	1	
	Carte de garantie (En option)	1	
	Gabarit	1	Guide d'installation du produit
	Accessoire RJ45 résistant à l'eau	1	Doit être installé dans des emplacements humides

CONTENU (LNV-6012R/6022R/6032R/6072R)

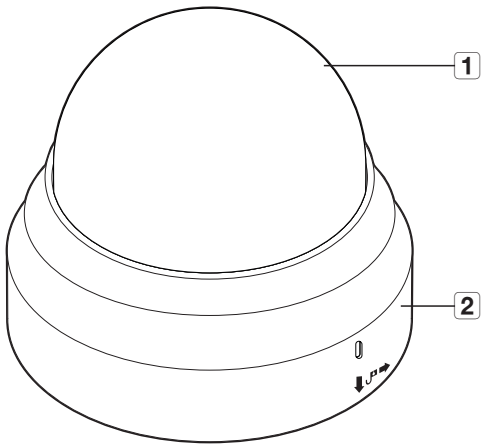
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Apparence	Nom de l'élément	Quantité	Description	Nom du modèle
	Caméra	1		LNV-6012R/6022R/ 6032R
				LNV-6072R
	Guide de prise en main rapide	1		Utilisation pour tous les modèles
	Carte de garantie (En option)	1		
	Gabarit	1	Guide d'installation du produit	
	Clé en forme d'étoile	1	Utilisé pour l'assemblage et le démontage des couvercles de dôme	
	Plaque de montage (En option)	1	Ceci est utilisé pour placer la caméra sur un support vendu séparément.	LNV-6012R/6022R/ 6032R
		1		LNV-6072R

Apparence	Nom de l'élément	Quantité	Description	Nom du modèle
	Vis de mécanique (En option)	2	Utilisées pour l'assemblage du boîtier du dôme lors de l'installation du produit sur le tube, en montage mural, etc. ou pour l' obstruction d'un trou.	Utilisation pour tous les modèles
	Bague de câble	1	Utilisé pour connecter le câble LAN d'un diamètre de Ø 7 ~ 8,5.	

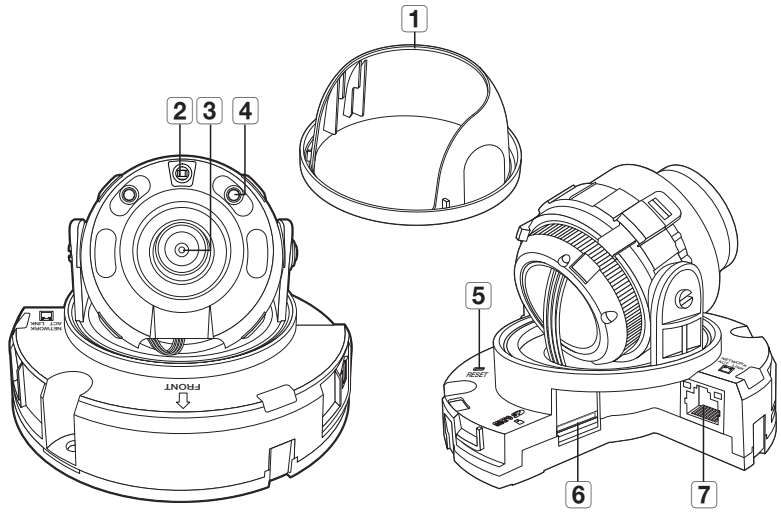
D'UN COUP D'ŒIL (LND-6012R/6022R/6032R)

Apparence



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

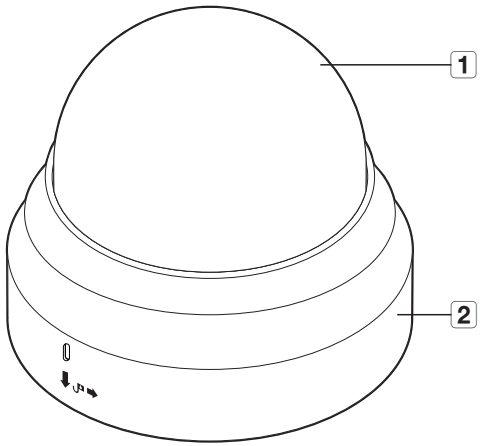
Composants



Élément	Description
1 Couvercle intérieur	Coque de protection pour le corps principal
2 Capteur d'éclairage	Détecte la lumière reçue pour commander la diode infrarouge.
3 Objectif	Objectif de la caméra.
4 Diode infrarouge	Ces diodes infrarouge sont commandées par le capteur d'éclairage.
5 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.
6 Compartiment de la carte mémoire Micro SD	Compartiment de la carte mémoire Micro SD.
7 Connecteur PoE	Alimentez le câble Ethernet et connectez-vous au réseau.

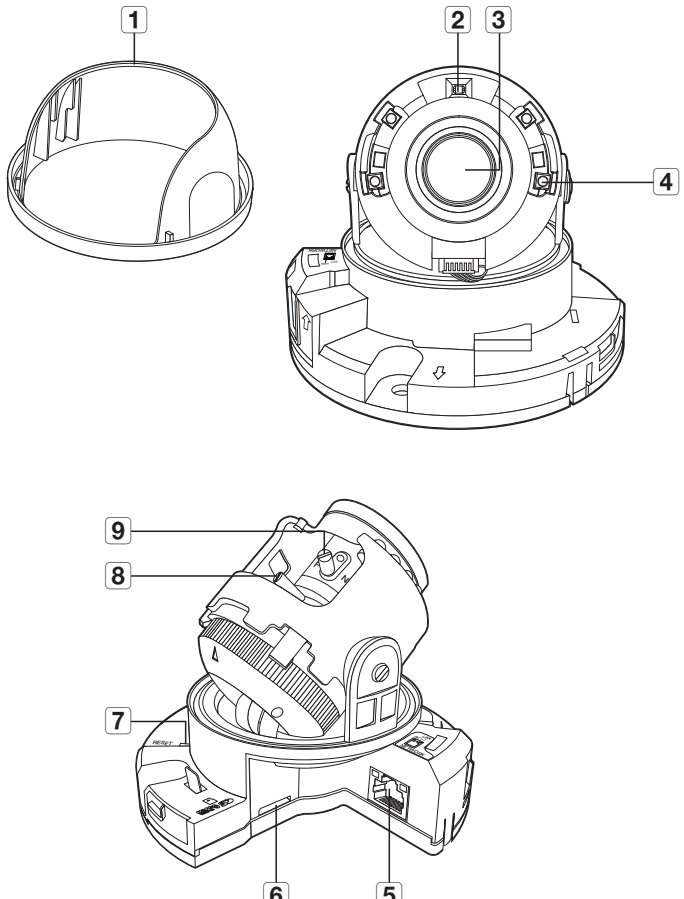
D'UN COUP D'ŒIL (LND-6072R)

Apparence



Élément	Description
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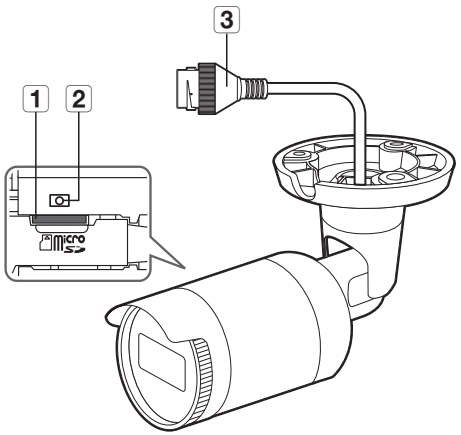
Composants



Élément	Description	
1 Couvercle intérieur	Coque de protection pour le corps principal	
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8 Levier de commande de zoom	T	Zoomer (Télé. obj.)
	W	Dézoomer (grand angle)
	Relâchez le levier et déplacez-le vers la gauche ou la droite pour effectuer un zoom avant ou arrière. Tournez le levier dans le sens horaire pour fixer la position ajustée et l'empêcher de se déplacer.	
9 Levier de commande de mise au point	N	Mise au point sur un objet proche (Proche)
	F	Mettre au point sur un objet éloigné (loin)
	Relâchez le levier et déplacez-le vers la gauche ou la droite pour régler la mise au point de l'objectif. Tournez le levier dans le sens horaire pour fixer la position ajustée et l'empêcher de se déplacer.	

D'UN COUP D'ŒIL (LNO-6012R/6022R/6032R)

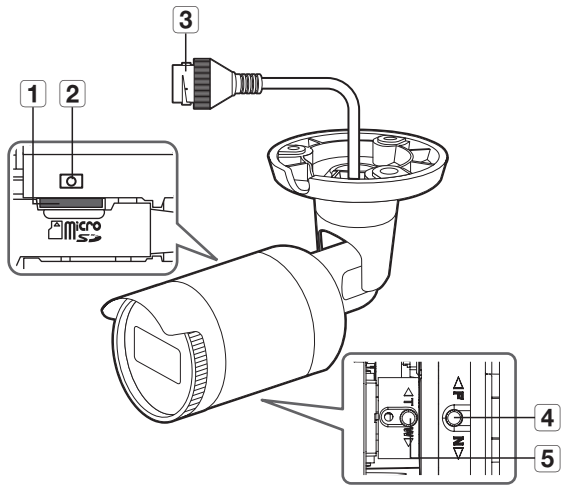
Apparence



Élément	Description
1 Emplacement de la carte Micro SD	(Espace interne du produit) Il s'agit d'un emplacement dans lequel vous pouvez insérer une carte Micro SD.
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 Connecteur PoE	Alimentez le câble Ethernet et connectez-vous au réseau.

D'UN COUP D'ŒIL (LNO-6072R)

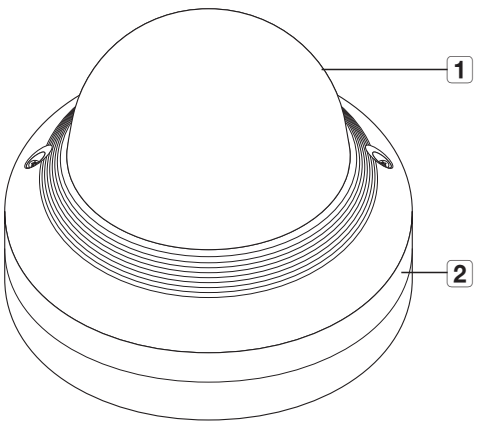
Apparence



Élément		Description
1 Emplacement de la carte Micro SD		(Espace interne du produit) Il s'agit d'un emplacement dans lequel vous pouvez insérer une carte Micro SD.
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 Connecteur PoE		Alimentez le câble Ethernet et connectez-vous au réseau.
4 Levier de commande de mise au point	N	Mise au point sur un objet proche (Proche)
	F	Mettre au point sur un objet éloigné (loin)
		Relâchez le levier et déplacez-le vers la gauche ou la droite pour régler la mise au point de l'objectif. Tournez le levier dans le sens horaire pour fixer la position ajustée et l'empêcher de se déplacer.
5 Levier de commande de zoom	T	Zoomer (Télé. obj.)
	W	Dézoomer (grand angle)
		Relâchez le levier et déplacez-le vers la gauche ou la droite pour effectuer un zoom avant ou arrière. Tournez le levier dans le sens horaire pour fixer la position ajustée et l'empêcher de se déplacer.

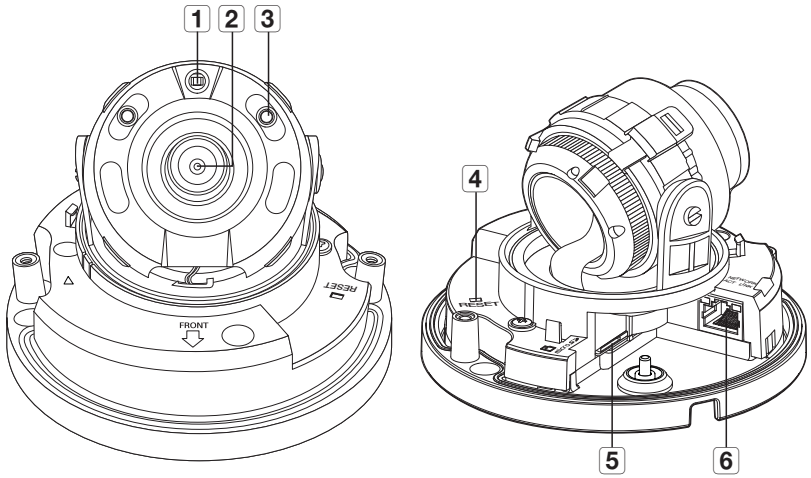
D'UN COUP D'ŒIL (LNV-6012R/6022R/6032R)

Apparence



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

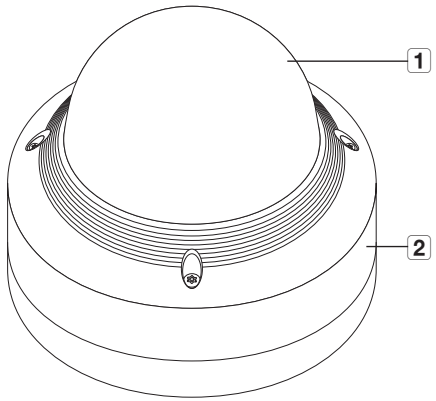
Composants



Élément	Description
1 Capteur d'éclairage	Détecte la lumière reçue pour commander la diode infrarouge.
2 Objectif	Objectif de la caméra.
3 Diode infrarouge	Ces diodes infrarouge sont commandées par le capteur d'éclairage.
4 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.
5 Compartiment de la carte mémoire Micro SD	Compartiment de la carte mémoire Micro SD.
6 Connecteur PoE	Alimentez le câble Ethernet et connectez-vous au réseau.

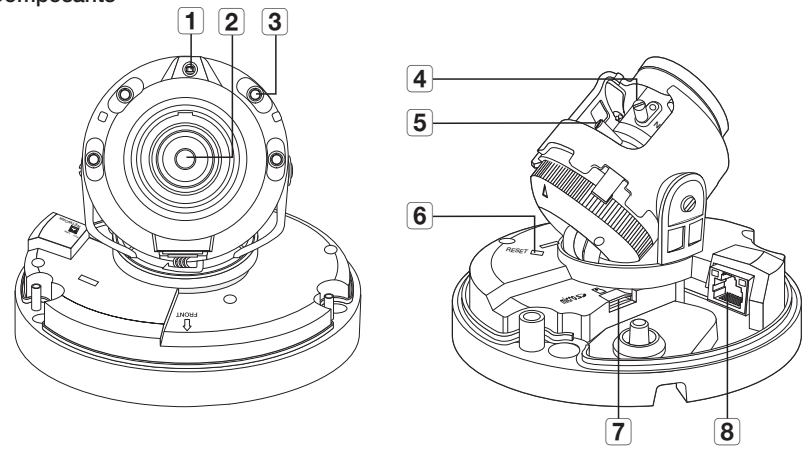
D'UN COUP D'ŒIL (LNV-6072R)

Apparence



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

Composants



Élément		Description
1 Capteur d'éclairage		Détecte la lumière reçue pour commander la diode infrarouge.
2 Objectif		Objectif de la caméra.
3 Diode infrarouge		Ces diodes infrarouge sont commandées par le capteur d'éclairage.
4 Levier de commande de mise au point	N	Mise au point sur un objet proche (Proche)
	F	Mettre au point sur un objet éloigné (loin)
	Relâchez le levier et déplacez-le vers la gauche ou la droite pour régler la mise au point de l'objectif. Tournez le levier dans le sens horaire pour fixer la position ajustée et l'empêcher de se déplacer.	
5 Levier de commande de zoom	T	Zoomer (Télé. obj.)
	W	Dézoomer (grand angle)
	Relâchez le levier et déplacez-le vers la gauche ou la droite pour effectuer un zoom avant ou arrière. Tournez le levier dans le sens horaire pour fixer la position ajustée et l'empêcher de se déplacer.	
6 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.	
7 Compartiment de la carte mémoire Micro SD	Compartiment de la carte mémoire Micro SD.	
8 Connecteur PoE	Alimentez le câble Ethernet et connectez-vous au réseau.	

INSTALLATION (LND-6012R/6022R/6032R/6072R)

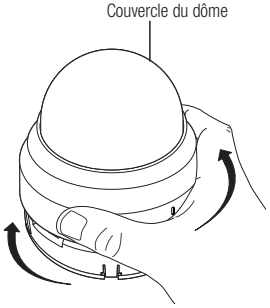
Précautions à prendre avant l'installation

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

- Elle doit être installée sur une zone (plafond ou mur) qui peut supporter cinq fois le poids de la caméra, y compris le support d'installation.
- 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.
- Pour la caméra à objectif focal variable manuel, des fonctions telles que la mise au point et le zoom doivent être réglées avant l'installation. Lors de l'ajustement, assurez-vous d'éviter que des substances étrangères ne soient attachées.

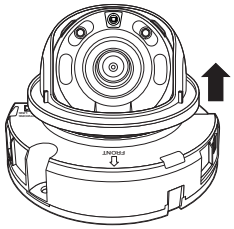
Démontage

1. Maintenez la partie inférieure de la caméra d'une main et tournez le couvercle de droite à gauche avec l'autre main afin de les désolidariser.



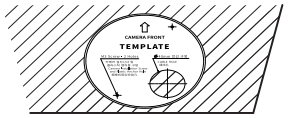
▪ Ne touchez pas la partie transparente du couvercle du dôme une fois le film protecteur retiré.

2. Soulevez le couvercle intérieur pour le séparer.

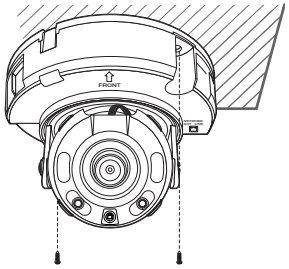


Installation

1. Tenez compte de la direction à surveiller, attachez le gabarit et percez des trous en suivant le gabarit.



2. À l'aide de 2 vis taraudeuses, fixez la caméra à 2 trous percés avec un gabarit.
   ▪ Placez la marque < ⇧ > imprimée sur la caméra en face de la zone à surveiller.

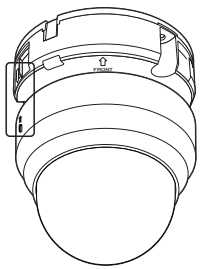


3. Raccordez les bornes internes de la caméra avec les câbles correspondants.
4. Réglez l'orientation de l'objectif selon la position souhaitée en vous reportant à la section « **Reglage de l'orientation de la camera de surveillance** ». (page 20)

▪ Il est recommandé de ne pas toucher l'objectif séparément, car il est expédié de l'usine avec la mise au point correctement ajustée lorsque l'inspection est terminée.
Si vous touchez l'objectif, la mise au point risque d'être déformée ou l'objectif de se salir. (LND-6012R / 6022R / 6032R)

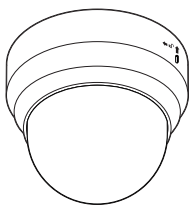
▪ Pour la caméra à objectif focal variable manuel, des fonctions telles que la mise au point et le zoom doivent être réglées avant l'installation. Lors de l'ajustement, assurez-vous d'éviter que des substances étrangères ne soient attachées. (LND-6072R)

5. Veuillez connecter le couvercle intérieur au corps principal.
6. Tout en tenant le côté inférieur de la caméra à l'aide de votre main, veuillez saisir et pousser son couvercle avec l'autre main afin d'aligner les deux flèches, comme indiqué dans la figure.



▪ Pour assembler le couvercle du dôme, faire correspondre les flèches et appuyer fermement sur le couvercle.
Si le couvercle du dôme est tourné pendant le montage ou s'il est mal disposé, une réflexion diffuse pourrait survenir ou la section de la lentille pourrait tourner, ce qui pourrait entraîner la modification de la plage de prise de vue.

▪ Assurez-vous que le couvercle du dôme est correctement connecté à la partie inférieure, comme indiqué sur le schéma.
Si le système d'enclenchement n'est pas bien fixé, le couvercle du dôme peut tomber, ce qui pourrait causer des blessures.



INSTALLATION (LNO-6012R/6022R/6032R/6072R)

▪ 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.

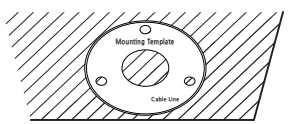
Précautions à prendre avant l'installation

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

- Elle doit être installée sur une zone (plafond ou mur) qui peut supporter cinq fois le poids de la caméra, y compris le support d'installation.
- 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.
- Pour la caméra à objectif focal variable manuel, des fonctions telles que la mise au point et le zoom doivent être réglées avant l'installation. Lors de l'ajustement, assurez-vous d'éviter que des substances étrangères ne soient attachées.

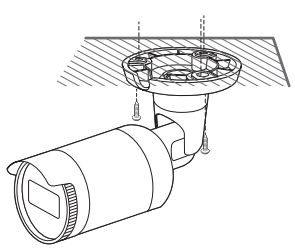
Installation

1. Tenez compte de la direction à surveiller, attachez le gabarit et percez des trous en suivant le gabarit.



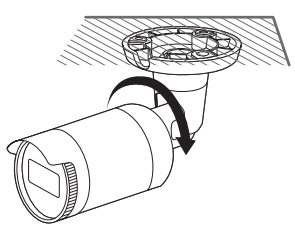
2. Insérez et serrez 3 vis taraudeuses dans les 3 trous pour sécuriser la caméra.

3. Connectez les câbles appropriés aux bornes de la caméra.



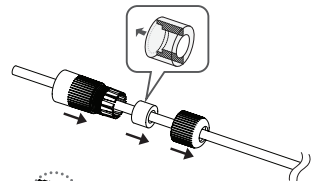
4. Réglez l'orientation de la caméra à l'aide d'un tournevis cruciforme.

▪ Lorsque vous réglez la position de la caméra à l'aide d'un support, serrez la vis du support, réglez la caméra et serrez-la. Si vous tentez de régler en forçant alors que la vis est serrée, il peut en découler une rayure ou d'autres problèmes.

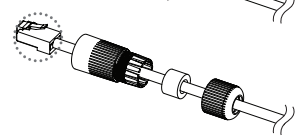


Comment connecter le câble RJ45 étanche à un câble LAN

1. Insérez-le dans la direction de la flèche.

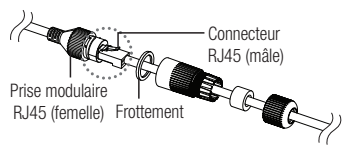


2. Branchez le connecteur LAN (mâle) au câble.

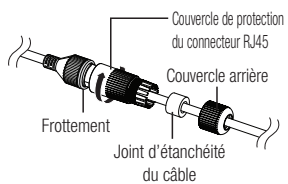


3. Branchez la prise modulaire RJ45 (femelle) au connecteur RJ45 (mâle).

▪ Veuillez garder chacune des pièces séparées.

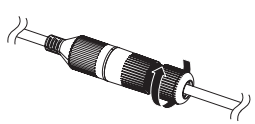


4. Assemblez en tournant la prise modulaire RJ45 (femelle) et le couvercle de protection RJ45 dans le sens des aiguilles d'une montre (Suivez la flèche).



5. Assemblez en tournant le couverture de protection RJ45 et la façade arrière dans le sens des aiguilles d'une montre (Suivez la flèche).
Une fois le capot arrière monté, le joint d'étanchéité du câble est fermement fixé au câble pour le rendre imperméable à l'eau.

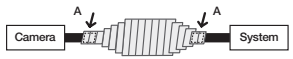
▪ Vous devez le monter en entier pour faire tourner le couvercle arrière jusqu'à la fin du filetage du connecteur RJ45.



Installation extérieure

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

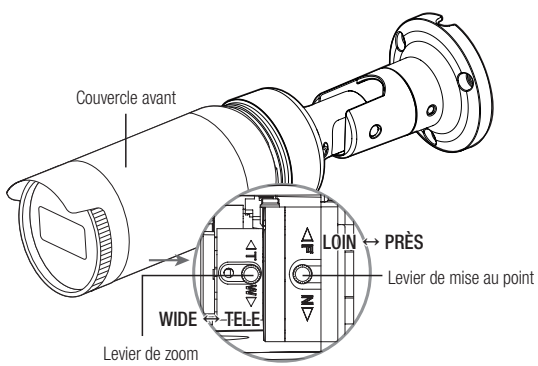
1. Connectez le câble PoE.
2. Enroulez la gaine du câble noir (zone A) et la zone de connexion du câble à l'aide de ruban étanche (en caoutchouc butylique), de sorte que plus de la moitié du ruban est chevauchée.



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

Pour régler le facteur de zoom ou la mise au point (LNO-6072R)

1. Desserrez le couvercle avant, tel qu'illustré.
2. Desserrez légèrement le levier de zoom/mise au point.
3. Positionnez le levier de zoom/mise au point sur WIDE (PRÈS) ou TELE (LOIN), selon le cas.
4. Ensuite, resserrez le levier de zoom/mise au point pour fixer la position ainsi réglée.
5. Tournez le couvercle avant pour le resserrer.

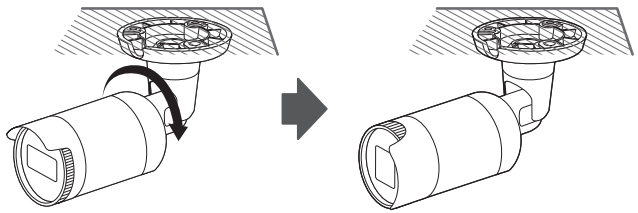


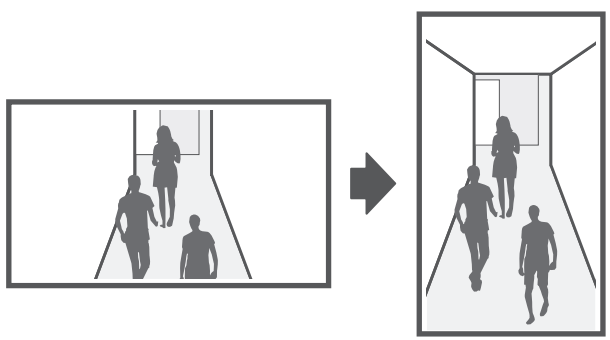
- Pour garantir une étanchéité homogène, resserrez le couvercle avant en le tournant jusqu'en bout de course. En associant le capot avant, veuillez associer le corps principal et le couvercle avant de sorte que l'indicateur LOCK soit verrouillé.
- Utilisez le levier pour régler le facteur de zoom ou la mise au point, puis tournez le levier dans le sens des aiguilles d'une montre pour le fixer.
- Avant de régler le facteur de zoom ou la mise au point de l'objectif, desserrez le couvercle avant et retirez-le.

Vue du couloir

La caméra peut être tournée pour agrandir la zone de surveillance verticale à un rapport d'aspect de 9:16, ce qui la rend appropriée pour les couloirs étroits et les passages.

- Faites pivoter le boîtier de la caméra et le couvercle avant.





INSTALLATION (LNV-6012R/6022R/6032R/6072R)

▪ 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.

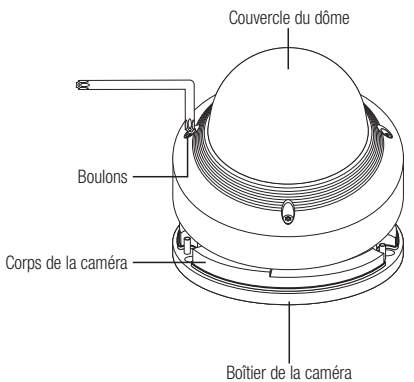
Précautions à prendre avant l'installation

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

- Elle doit être installée sur une zone (plafond ou mur) qui peut supporter cinq fois le poids de la caméra, y compris le support d'installation.
- 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.
- Pour la caméra à objectif focal variable manuel, des fonctions telles que la mise au point et le zoom doivent être réglées avant l'installation. Lors de l'ajustement, assurez-vous d'éviter que des substances étrangères ne soient attachées.

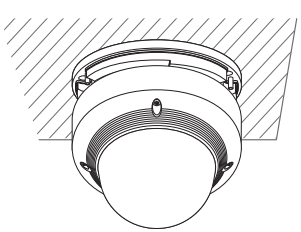
Démontage

1. Retirez le couvercle du dôme en desserrant les boulons de fixation en les tournant dans le sens antihoraire à l'aide de la clé en forme d'étoile fournie.



Installation

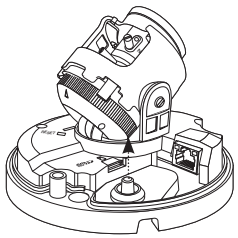
1. Fixez le gabarit d'installation à l'emplacement souhaité et percez des trous en suivant le gabarit.
2. À l'aide de 3 vis taraudeuses, fixez la caméra à 3 trous percés avec un gabarit.
3. Connectez et disposez les câbles nécessaires de sorte à éviter de les endommager ou de les coincer lors de l'installation de la caméra.
4. Réglez l'orientation de l'objectif selon la position souhaitée en vous reportant à la section « **Reglage de l'orientation de la camera de surveillance** ». (page 20)
5. Refermez le couvercle du dôme.
   ▪ Serrer les boulons de fixation fermement en utilisant la clé en forme d'étoile pour éviter les fuites d'eau.



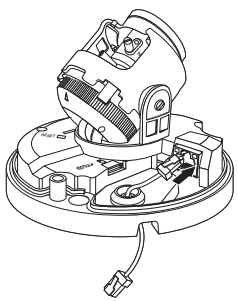
Raccordement du câble LAN

1. Retirez le couvercle du dôme et le boîtier.
2. Retirez la douille en bas, comme indiqué sur l'image.

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



3. Insérez le câble LAN à travers le trou qui a été formé en enlevant la partie saillante à l'étape 2.
4. Retirez la gaine à l'aide d'une pince coupe-câble et alignez les câbles.
5. Raccordez le câble LAN avec un connecteur LAN et insérez-le dans l'outil LAN.
6. Raccordez le câble fini au port Ethernet.



Fixation de l'adaptateur (dégroupé)

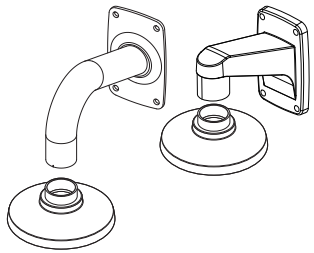
Choisissez et achetez parmi les options suivantes (dégroupées) celle qui est adaptée au site d'installation ou celle qui vous convient le mieux.

1. Retirez le couvercle du dôme du boîtier en vous référant au chapitre « **Démontage** ». (page 18)
2. Utilisez la petite vis pour fixer l'étui de la caméra à l'adaptateur non fourni.
3. Connectez et disposez les câbles nécessaires de sorte à éviter de les endommager ou de les coincer lors de l'installation de la caméra.
4. Procédez au montage de la caméra dans l'ordre inverse indiqué à la section « **Démontage** ».
5. Réglez l'orientation de l'objectif selon la position souhaitée en vous reportant à la section « **Reglage de l'orientation de la camera de surveillance** ». (page 20)
6. Refermez le couvercle du dôme.
   ▪ Fixez solidement le boulon de fixation à l'aide d'une clé en L pour empêcher l'eau de couler.

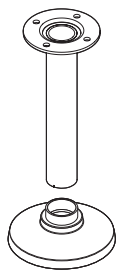
Accessoires en option pour l'installation

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

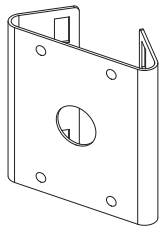
1. ADAPTATEUR POUR FIXATION MURALE (SBP-300WMW1) / ADAPTATEUR POUR FIXATION SUSPENDUE (SBP-122HMW : LND-6072R, LNV-6012R/6022R/6032R, SBP-301HMW2 : LNV-6072R, SBP-300HMW7 : LND-6012R/6022R/6032R)
   Cet adaptateur est utilisé pour installer le dôme de la caméra sur un mur.



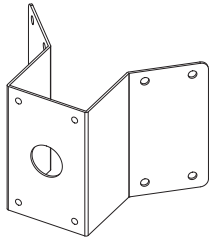
2. ADAPTATEUR POUR FIXATION AU PLAFOND (SBP-300CMW) / ADAPTATEUR POUR FIXATION SUSPENDUE (SBP-122HMW : LND-6072R, LNV-6012R/6022R/6032R, SBP-301HMW2 : LNV-6072R, SBP-300HMW7 : LND-6012R/6022R/6032R) Cet adaptateur est utilisé pour installer le dôme de la caméra sur un plafond en béton.



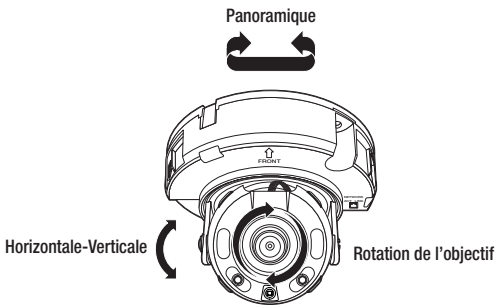
3. ADAPTATEUR POUR FIXATION SUR POTEAU (SBP-300PMW)
   Ceci est un adaptateur utilisé pour l'installation de l'ADAPTATEUR POUR FIXATION MURALE (SBP-300WMW1) sur un poteau d'un diamètre supérieur à 80 mm.



4. ADAPTATEUR POUR FIXATION D'ANGLE (SBP-300KMW)
   Ceci est un adaptateur pour l'installation de l'ADAPTATEUR POUR FIXATION MURALE (SBP-300WMW1) à l'angle du joint de mur.



Réglage de l'orientation de la caméra de surveillance (LND-6012R/6022R/6032R/ 6072R, LNV-6012R/6022R/6032R/6072R)



▪ **Réglage de la direction de surveillance**

Vous ne pouvez régler l'orientation de la caméra que lorsque celle-ci a été fixée au plafond.
La rotation de l'unité de la caméra vers la gauche ou la droite est appelée Panoramique, le réglage de l'inclinaison est appelé Horizontale-Verticale et la rotation de l'objectif sur son axe est appelée Rotation.

- La plage effective du panoramique couvre un angle total de 350 degrés.
- La plage effective de la rotation couvre un angle total de 355 degrés.
- La plage effective de l'inclinaison couvre un angle total de 67 degrés.

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

▪ **Méthodes de réglage**

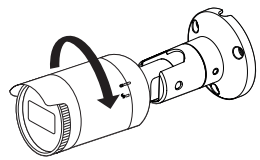
1. Après l'installation de la caméra, réglez l'angle de panoramique selon la direction de surveillance.
2. Réglez l'angle horizontal de manière à ce que l'image ne soit pas inversée.
3. Réglez l'angle d'inclinaison de sorte que la caméra soit face à l'objet à surveiller.

INSERTION/RETRAIT D'UNE CARTE MÉMOIRE MICRO SD

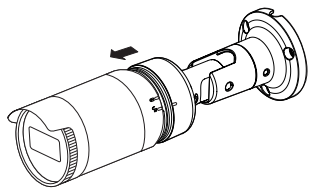
▪ Déconnectez le câble d'alimentation de la caméra avant d'y insérer la carte mémoire Micro SD.
▪ N'insérez pas la carte mémoire Micro SD à l'envers et de force.
Autrement, vous risquez d'endommager la carte mémoire Micro SD.
▪ En cas de pluie ou lorsque le taux d'humidité est élevé, l'insertion ou l'éjection d'une carte Micro SD n'est pas recommandée.
▪ Le désassemblage du couvercle du produit doit être terminé dans un délai de 5 minutes. Sinon, il y a un risque de condensation interne.

Insertion d'une carte mémoire Micro SD (LNO-6012R/6022R/6032R/6072R)

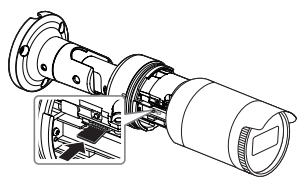
1. Tournez le couvercle avant dans le sens [ ].



2. Tirez et séparez le couvercle avant.

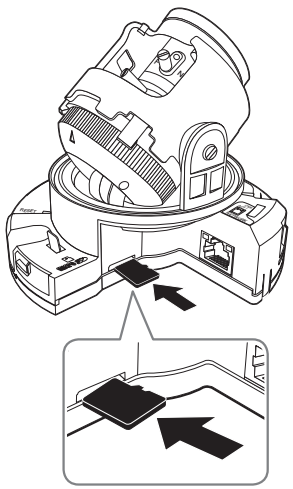


3. Insérez une carte Micro SD en suivant la direction de la flèche du schéma.

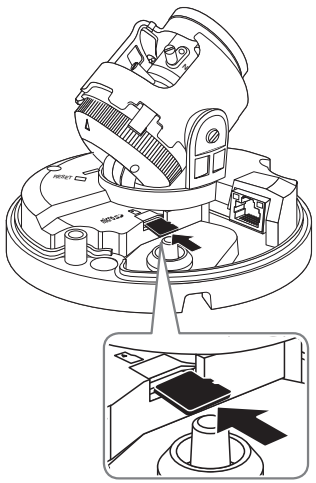


Insertion d'une carte mémoire Micro SD (LND-6012R/6022R/6032R/6072R, LNV-6012R/6022R/6032R/6072R)

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



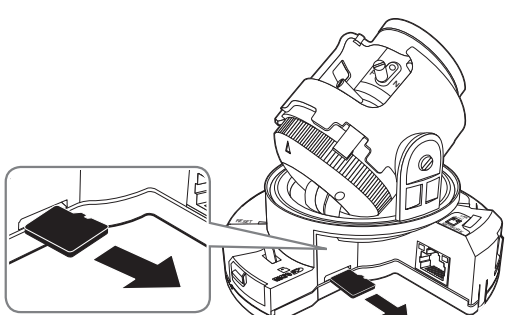
<LND-6012R/6022R/6032R/6072R>



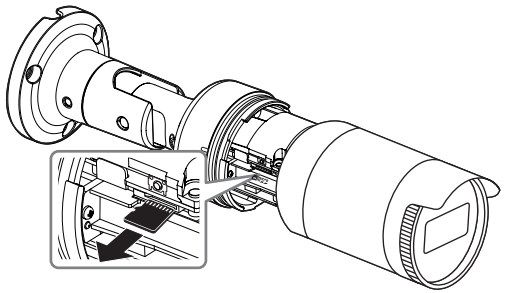
<LNV-6012R/6022R/6032R/6072R>

Retrait d'une carte mémoire Micro SD

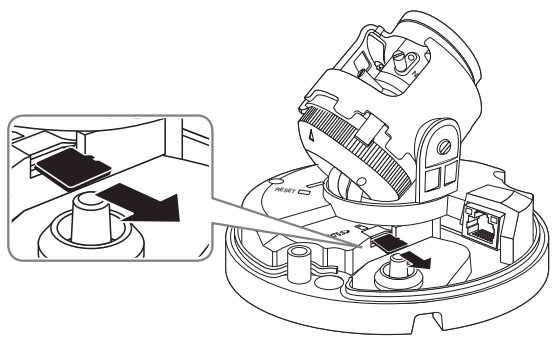
Appuyer doucement vers le bas sur l'extrémité exposée de la carte mémoire comme indiqué dans le diagramme pour éjecter la carte mémoire de la fente.



<LND-6012R/6022R/6032R/6072R>



<LNO-6012R/6022R/6032R/6072R>



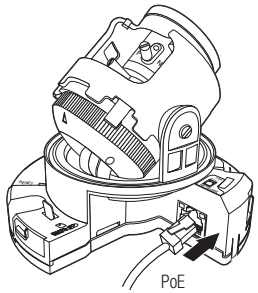
<LNV-6012R/6022R/6032R/6072R>

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

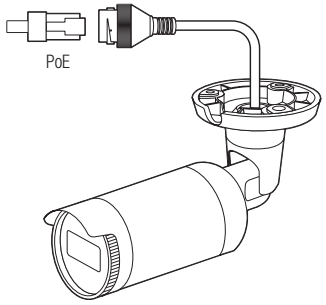
ALIMENTATION ET MISE EN RÉSEAU

Connectez votre périphérique PoE à la caméra.

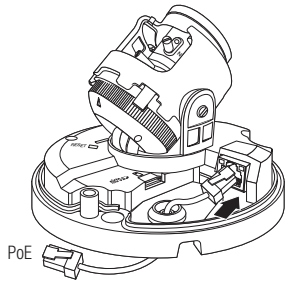
- Connectez-vous à un connecteur PoE du routeur compatible PoE (alimentation électrique par câble Ethernet).
- Utilisez un équipement PoE (alimentation électrique par câble Ethernet) prenant en charge la norme IEEE802.3af.



<LND-6012R/6022R/6032R/6072R>



<LNO-6012R/6022R/6032R/6072R>



<LNV-6012R/6022R/6032R/6072R>

Spécifications du câble réseau

Élément	Contenus	Remarque
Connecteur	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
Câble	5e catégorie	
Distance max.	100 M	Résistance CC ≤ 0,125 Ω/m
Support du PoE	IEEE 802.3af	

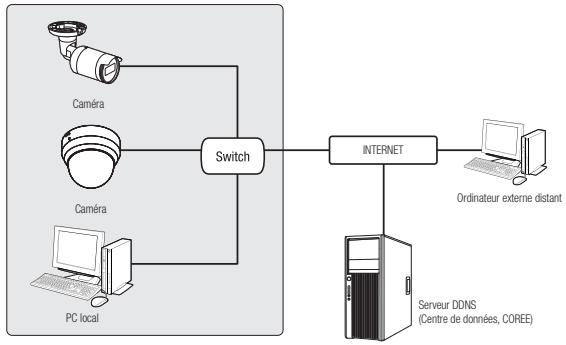
- Si vous utilisez un câble autre qu'un câble de catégorie 5, il est conseillé de laisser une distance de transmission de 100m.

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

CONNECTER LA CAMÉRA DIRECTEMENT AU RÉSEAU DE ZONE LOCALE

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

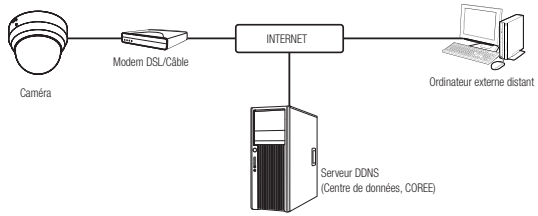
1. Lancer un navigateur Internet sur le PC local.
2. Saisir l'adresse IP de la caméra dans la barre d'adresse du navigateur.



<Réseau local>

- Un PC à distance dans une sortie Internet externe de réseau LAN peut ne pas pouvoir se connecter à la caméra installée dans l'intranet si le renvoi de port n'est pas correctement configuré ou si un pare-feu est mis.
  Dans ce cas, pour résoudre le problème, contacter votre administrateur de réseau.
- Par défaut, l'adresse IP sera attribuée automatiquement depuis le serveur DHCP.
  En l'absence de serveur DHCP disponible, l'adresse IP sera définie sur 192.168.1.100.
  Pour modifier l'adresse IP, utilisez Device Manager.
  Pour plus d'informations sur l'utilisation de Device Manager, reportez-vous à « **Utilisation de Device Manager** ». (Page 24)

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



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

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

UTILISATION DE DEVICE MANAGER

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

RECHERCHE AUTOMATIQUE DE LA CAMÉRA

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

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

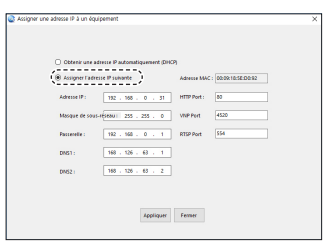
CONFIGURATION DE L'ADRESSE IP

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

Configuration de l'IP statique

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

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



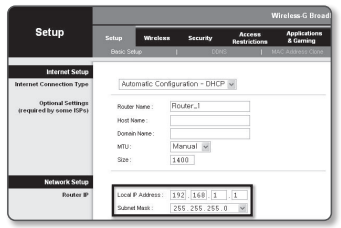
Si vous n'utilisez pas de Routeur large bande

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

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

Si vous utilisez un Routeur large bande

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



- Les réglages peuvent varier selon le modèle du Routeur large bande connecté.
  Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.
- Pour plus d'informations sur la redirection de port du routeur large bande, reportez-vous à « **Configuration de la Redirection de la Plage de Ports (Mappage de Ports)** ». (Page 26)

Si le Routeur large bande dispose de plusieurs caméras connectées

Configurez séparément les réglages IP et les réglages de port.

ex.)

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

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

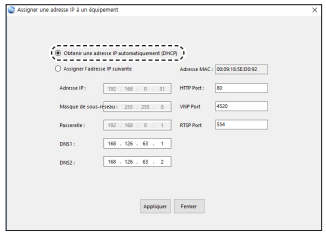
5. Cliquez sur le bouton [**Appliquer**].
6. Si un message de réussite s'affiche, cliquez sur [**OK**].

Configuration de l’IP dynamique

Le DHCP vous envoie l’adresse IP.

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

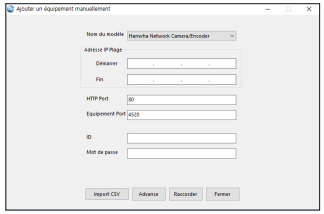
1. Dans la liste, cliquez sur la caméra dont vous voulez modifier la configuration IP.
2. Cliquez sur <**IP assignée**> sur la page principale de Device Manager.
3. Sélectionnez <**Obtenir une adresse IP automatiquement (DHCP)**>.
4. Cliquez sur le bouton [**Appliquer**].
5. Si un message de réussite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



ENREGISTREMENT MANUEL DE LA CAMÉRA

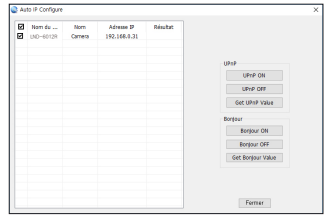
Si la caméra ne peut pas être trouvée à l’aide de la fonction de recherche, elle peut être enregistrée à distance en entrant manuellement les informations IP, si la caméra est connectée à un réseau externe.

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



CONFIGURATION AUTOMATIQUE DE L’IP

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

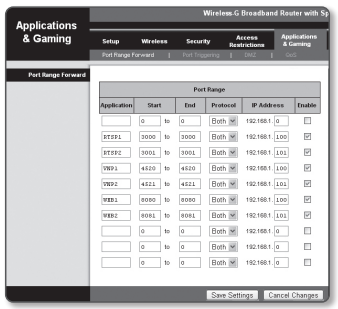


CONFIGURATION DE LA REDIRECTION DE LA PLAGE DE PORTS (MAPPAGE DE PORTS)

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

Redirection manuelle de la plage de ports

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

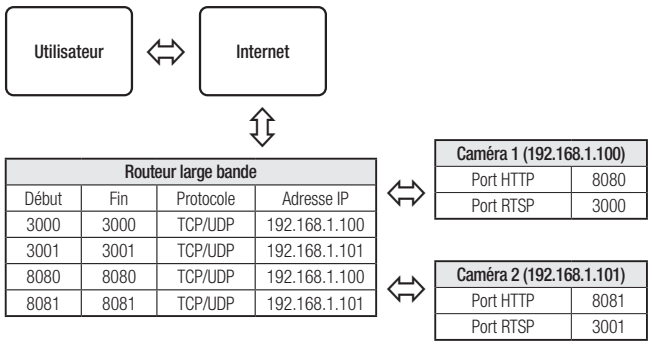


- La configuration du transfert de port est un exemple de configuration du routeur IP CISCO.
- Les réglages peuvent varier selon le modèle du Routeur large bande connecté.
  Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.

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

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

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



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

Caméra 1 (192.168.1.100)	
Port HTTP	8080
Port RTSP	3000

Caméra 2 (192.168.1.101)	
Port HTTP	8081
Port RTSP	3001

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

CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR LOCAL PARTAGÉ

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

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

CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR DISTANT VIA INTERNET

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

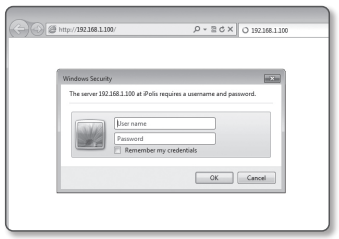
1. Avant de pouvoir accéder à une caméra depuis le réseau du Routeur large bande, vous devez régler la redirection des plages de port du Routeur large bande.
2. Depuis l'ordinateur distant, lancez le navigateur Internet et tapez l'adresse URL DDNS de la camera ou l'adresse IP du Routeur large bande dans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

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

CONNEXION À LA CAMÉRA

Normalement, vous devez procéder comme suit

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



Si le numéro de port HTTP est différent de 80

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

Utilisation de l'adresse URL

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

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

Se connecter via UPnP

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

Se connecter via Bonjour

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

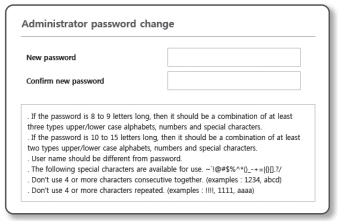
Vérification de l'adresse DDNS

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

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

RÉGLAGE DU MOT DE PASSE

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

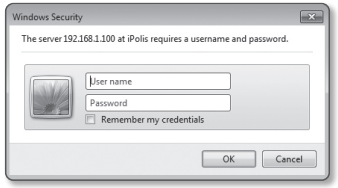


- Pour un nouveau mot de passe de 8 à 9 chiffres, vous devez utiliser au moins trois des éléments suivants : lettres majuscules / minuscules, chiffres et caractères spéciaux. Pour un mot de passe de 10 à 15 chiffres, vous devez utiliser au moins deux des types mentionnés.
  - Les caractères spéciaux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

LOGIN

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

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



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

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

INSTALLATION DE LA VISIONNEUSE WEB DE LA CAMÉRA

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

RÉSOLUTION DE PROBLÈMES

PROBLÈME	SOLUTION
Aucune vidéo n'est affichée lors de l'accès libre au visualiseur Web de plug-in sur Safari via HTTPS.	• 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.
Aucune vidéo ne s'affiche lorsque l'utilisateur vient d'accéder au visualiseur Web ou qu'il se connecte directement avec le client.	• Le nombre maximum de profils disponibles est de 3. La connexion peut être perdue si vous utilisez 4 ou plusieurs profils. Exemple) Si vous accédez à MJPEG, H.264 et H.264 (Profils avec des paramètres différents), puis accédez avec un profil différent, la connexion sera perdue.
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.
Le fichier n'est pas transféré vers la boîte e-mail même si un événement de détection de mouvements est généré avec la fonction <Détection mvt> réglée sur <Activer> sur la page <Événement> .	• 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.

PROBLÈME	SOLUTION
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>.

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

LGPL SW

Component Name	License	URL
gLibc	LGPL 2.0	
Inetutils	LGPL 3.0	
neon-0.29.6	LGPL 2.0	http://www.webdav.org/neon/

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

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

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

Article 2. Definition

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

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

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

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

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

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

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

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

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

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

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

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

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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.

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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.

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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.

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Iperf performance test

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

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

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

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

- Réorienter ou repositionner l'antenne de réception.
- Augmenter la distance séparant l'équipement et le récepteur.
- Brancher l'équipement sur une prise d'un circuit différent de celui auquel le récepteur est branché.
- Consulter le distributeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.

eco
RoHS compliant

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

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

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

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

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

Elimination des batteries de ce produit

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

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

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


Hanwha
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