

WISENET

CAMÉRA RÉSEAU

Manuel d'utilisation

LND-6010R/LND-6020R/LND-6030R/LND-6070R
LNO-6010R/LNO-6020R/LNO-6030R/LNO-6070R
LNV-6010R/LNV-6020R/LNV-6030R/LNV-6070R



Caméra Réseau

Manuel d'utilisation

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

❖ L'ID initial de l'administrateur initi est "admin" et le mot de passe doit être défini lors de la première connexion.

Veuillez changer votre mot de passe tous les trois mois afin de protéger les renseignements personnels sans risque et afin de prévenir les dommages du vol d'informations.

Veuillez prendre note que l'utilisateur est responsable de la sécurité et des autres problèmes causés par une mauvaise gestion du mot de passe.

INSTRUCTIONS IMPORTANTES RELATIVES À LA SÉCURITÉ

1. Veuillez lire ces instructions.
2. Conservez ces instructions.
3. Prêtez attention à tous les avertissements.
4. Veuillez suivre toutes les instructions.
5. N'utilisez pas cet appareil à proximité de l'eau.
6. Nettoyez la zone contaminée sur la surface du produit avec un chiffon doux et sec ou un chiffon humide. (Ne pas utiliser un détergent ou des produits cosmétiques contenant de l'alcool, des solvants et des tensioactifs ou des produits contenant du pétrole, car ils peuvent déformer ou endommager le produit.)
7. N'obstruez pas les ouvertures de ventilation. Procédez à l'installation conformément aux instructions du fabricant.
8. Ne pas installer l'appareil à proximité de sources de chaleur comme les radiateurs, les registres de chaleur et les autres appareils (incluant les amplificateurs) produisant de la chaleur.
9. Veillez à vous conformer aux sécurités des prises de terre et polarisées. Une prise dite polarisée est composée de deux fiches, une plus large que l'autre. Une prise de terre est composée de deux fiches et d'une troisième fiche pour la terre. La troisième fiche, plus large que les deux autres, est fournie pour votre sécurité. Si la prise qui vous est fournie ne correspond pas à votre prise murale, demandez à un électricien de remplacer la prise obsolète.
10. Veillez à ce que personne ne marche ou se prenne les pieds dans le cordon d'alimentation et particulièrement au niveau des fiches et des prises de courant et au niveau où ils se situent.
11. N'utilisez que des accessoires ou des produits additionnels spécifiés par le fabricant.
12. Utilisez uniquement un chariot, un socle, un trépied, un support ou une table recommandés par le fabricant ou vendus avec l'appareil. Si vous utilisez un chariot, déplacez le chariot transportant l'appareil avec précaution afin d'éviter les blessures que pourrait entraîner un basculement accidentel.
13. Débranchez cet appareil en cas d'orage ou de non-utilisation prolongée.
14. Veuillez faire appel au personnel qualifié pour tous travaux de maintenance. Les travaux de maintenance sont nécessaires si l'appareil a été endommagé de quelque manière que ce soit, comme cordon d'alimentation endommagé, liquide répandu, objets tombés sur l'appareil, appareil exposé à la pluie et à l'humidité, il ne fonctionne pas normalement ou est tombé par terre.
15. Ce produit est destiné à être alimenté par un boîtier d'alimentation de «Classe 2» ou «LPS» ayant une puissance nominale de PoE, 0.18A.
16. Si vous utilisez une force excessive lors de l'installation du produit, la caméra risque d'être endommagée et de ne pas fonctionner correctement.
Si vous installez le produit à l'aide d'outils non conformes, le produit risque d'être endommagé.
17. Ne pas installer le produit dans un endroit où des substances chimiques ou des nuages d'huile existent ou peuvent être générés. Comme les huiles comestibles telles que l'huile de soja peuvent endommager ou déformer le produit, n'installez pas le produit dans la cuisine ou près de la table de cuisine.
Cela peut endommager le produit.
18. Lors de l'installation du produit, veillez à ne pas laisser la surface du produit se colorer avec une substance chimique.
Certains solvants chimiques tels que des produits de nettoyage ou des adhésifs peuvent causer de graves dommages à la surface du produit.
19. Si vous installez / désassemblez le produit d'une manière qui n'a pas été recommandée, les fonctions / performances de production peuvent ne pas être garanties.
Installez le produit en vous référant à "Installation et connexion" dans le manuel d'utilisation.
20. L'installation ou l'utilisation du produit dans l'eau peut causer des dommages importants au produit.



AVERTISSEMENT

AFIN DE RÉDUIRE LE RISQUE D'INCENDIE OU DE DÉCHARGE ÉLECTRIQUE, N'EXPOSEZ PAS CET APPAREIL À LA PLUIE NI À L'HUMIDITÉ. NE PAS INSÉRER D'OBJET MÉTALLIQUE PAR LES FENTES DE VENTILATION OU TOUTE AUTRE OUVERTURE SITUÉE SUR L'ÉQUIPEMENT.

Veillez à éviter toute projection de liquide sur l'appareil et ne placez jamais sur celui-ci des récipients contenant des liquides, tels que des vases.

Pour éviter les blessures, cet appareil doit être fermement fixé au mur/plafond conformément aux consignes d'installation.

ATTENTION

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

EXPLICATION DES SYMBOLES GRAPHIQUES



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



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

Catégorie de classe I

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

Batterie

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

Appareil déconnecté

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

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

ATTENTION

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

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

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

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

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

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

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

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

- Référence : Dans le cas de la fourniture d'informations pour aider à l'utilisation du produit.
 - Notification : En cas de risques d'endommagement du produit et de blessures à l'utilisateur provoqués par le non respect des instructions fournies.
- ✗ Veuillez lire ce manuel et notamment les passages liés à la sécurité du produit, et gardez-le en lieu sûr.

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.

LND-6010R/LND-6020R/LND-6030R/LND-6070R

LNO-6010R/LNO-6020R/LNO-6030R/LNO-6070R

LNV-6010R/LNV-6020R/LNV-6030R/LNV-6070R

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-6010R/6020R/6030R/6070R, LNV-6010R/6020R/6030R/6070R)**

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.

Pour obtenir de plus amples informations, consultez le site Web www.onvif.org.



SPÉCIFICATIONS PC RECOMMANDÉES

- CPU : Intel(R) Core(TM) i7 3.4 GHz ou supérieur
- Système d'exploitation pris en charge : Windows, Mac OS X
- **Visualiseur Web sans plug-in**
Navigateurs Web supportés : Google Chrome, MS Edge, Mozilla Firefox (Windows 64 bits uniquement), Apple Safari (Mac OS X uniquement)
- **Visualiseur avec plug-in**
Navigateurs Web supportés : MS Explorer
- VGA : Carte graphique PCIe 256MB GDDR3 ou supérieure







※ Pour des informations détaillées sur le système d'exploitation et le navigateur, veuillez vous reporter à l'annexe.

CARACTÉRISTIQUES RECOMMANDÉES POUR LA CARTE MÉMOIRE MICRO SD/SDHC

- Capacité recommandée : 16 Go ~ 32 Go (type MLC)
- Pour votre caméra, nous recommandons que vous utilisiez une carte mémoire des fabricants suivants:
Carte mémoire Micro SD/SDHC : Sandisk, Transcend

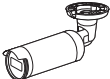







CONTENU (LND-6010R/6020R/6030R/6070R)

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

Apparence	Nom de l'élément	Quantité	Description
	Caméra	1	
	Manuel d'utilisation, CD du logiciel Installer	1	
	Guide de prise en main rapide (En option)	1	
	Carte de garantie (En option)	1	
	Gabarit	1	Guide d'installation du produit
	Vis autotaraudeuse	2	Permet de procéder à l'installation au plafond ou au mur






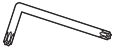




CONTENU (LNO-6010R/6020R/6030R/6070R)

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	Nom du modèle
	Caméra	1		LNO-6010R/6020R/ 6030R/6070R
	Manuel d'utilisation, CD du logiciel Installer	1		Utilisation pour tous les modèles
	Guide de prise en main rapide (En option)	1		
	Carte de garantie (En option)	1		
	Gabarit	1	Guide d'installation du produit	
	Vis autotaraudeuse	3	Permet de procéder à l'installation au plafond ou au mur	
	Accessoire RJ45 résistant à l'eau	1	Doit être installé dans des emplacements humides	LNO-6070R
	Agent d'absorption de moisissures pour cartes	1	Associé une fois après installation.	

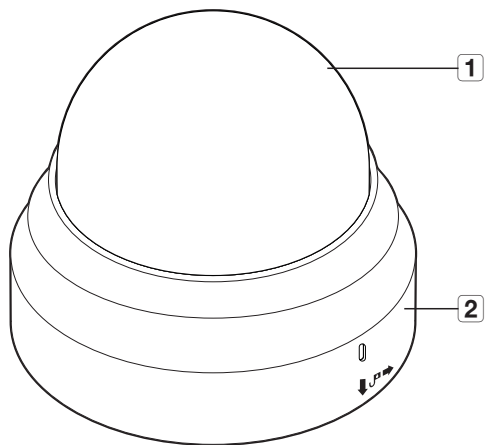
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	Manuel d'utilisation, CD du logiciel Installer	1		Utilisation pour tous les modèles
	Guide de prise en main rapide (En option)	1		
	Carte de garantie (En option)	1		
	Gabarit	1	Guide d'installation du produit	
	Clé en forme d'étoile	1	Utilisé pour l'assemblage et le démontage des couvercles de dôme	
	Agent d'absorption de moisissures pour cartes	1	Associé une fois après installation.	
	Bague de câble	1	Utilisé pour connecter le câble LAN d'un diamètre de Ø 7 ~ 8,5.	
	Vis autotaraudeuse	2	Permet de procéder à l'installation au plafond ou au mur	LNV-6010R/ 6020R/6030R
		3		LNV-6070R

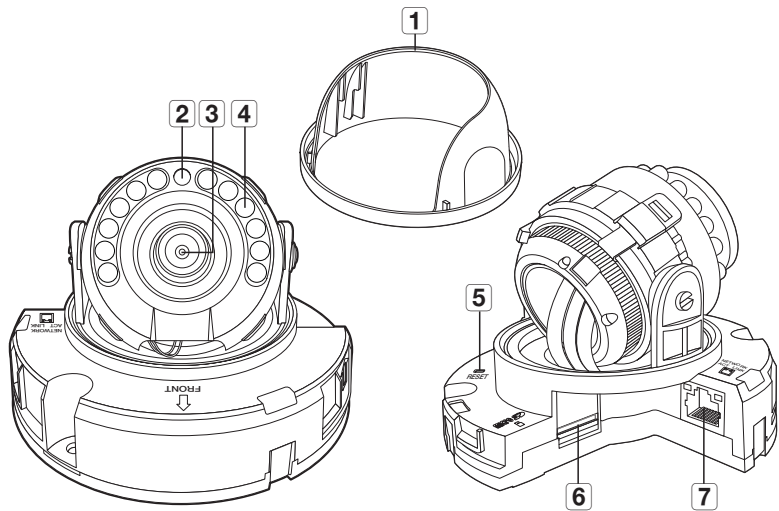
D'UN COUP D'ŒIL (LND-6010R/6020R/6030R)

Apparence



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

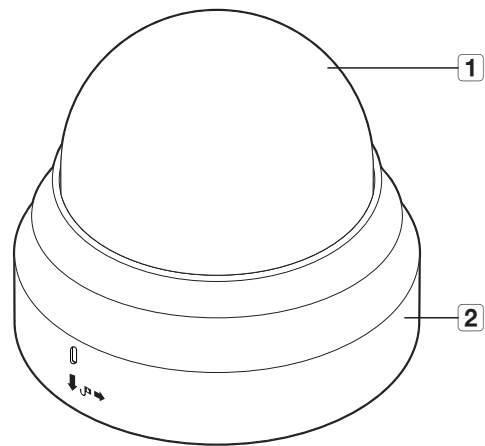
Composants



Élément	Description
1 Couverture intérieure	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	<p>Le bouton permet de restaurer tous les réglages de la caméra sur leur valeur par défaut. Appuyez dessus pendant 5 secondes pour relancer le système.</p> <p>■ Si vous réinitialisez la caméra, les réglages réseau seront ajustés de sorte que le serveur DHCP puisse être activé. En l'absence de serveur DHCP au sein du réseau, vous devez lancer le programme d'installation IP Installer pour modifier les réglages réseau de base, tels que l'adresse IP, le masque de sous-réseau, la passerelle, etc., avant de pouvoir vous connecter au réseau.</p>
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.

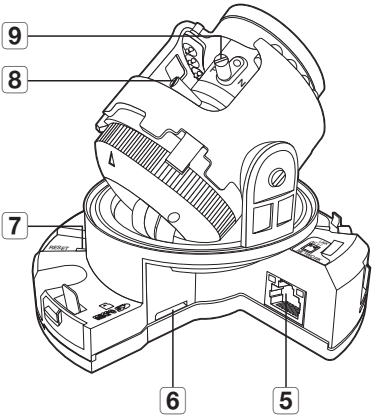
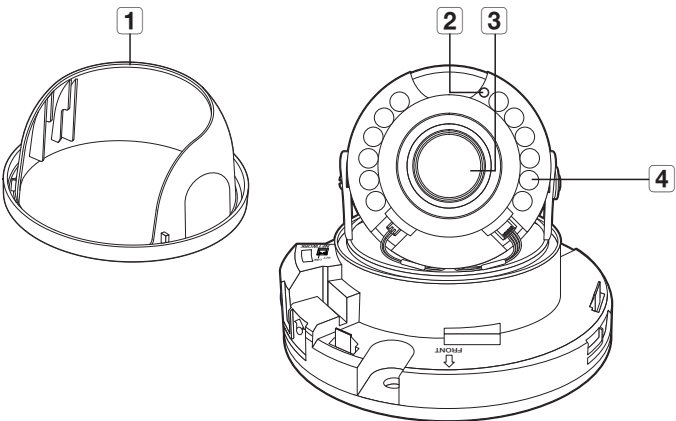
D'UN COUP D'ŒIL (LND-6070R)

Apparence



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

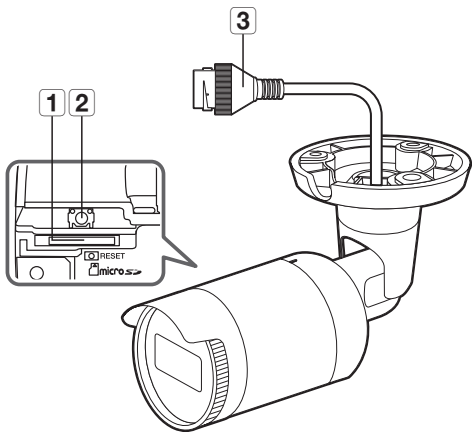
Composants



Élément		Description
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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-6010R/6020R/6030R)

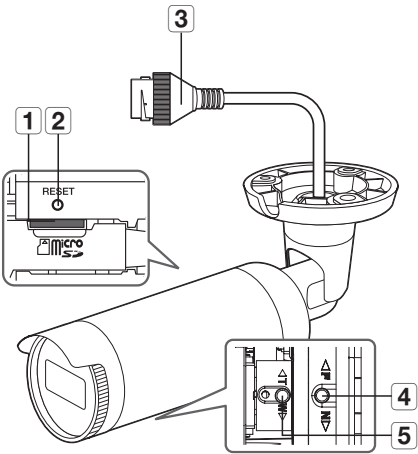
Apparence



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	<p>Le bouton permet de restaurer tous les réglages de la caméra sur leur valeur par défaut. Appuyez dessus pendant 5 secondes pour relancer le système.</p> <p>❗ Si vous réinitialisez la caméra, les réglages réseau seront ajustés de sorte que le serveur DHCP puisse être activé. En l'absence de serveur DHCP au sein du réseau, vous devez lancer le programme d'installation IP Installer pour modifier les réglages réseau de base, tels que l'adresse IP, le masque de sous-réseau, la passerelle, etc., avant de pouvoir vous connecter au réseau.</p>
3 Connecteur PoE	Alimentez le câble Ethernet et connectez-vous au réseau.

D'UN COUP D'ŒIL (LNO-6070R)

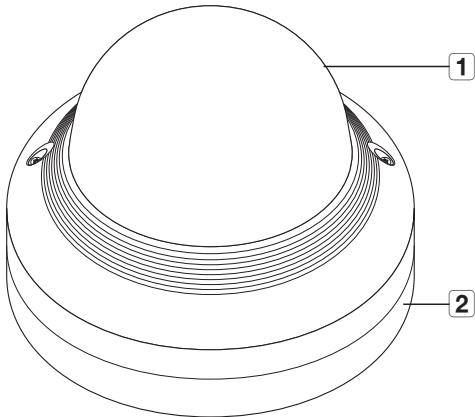
Apparence



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	<p>Le bouton permet de restaurer tous les réglages de la caméra sur leur valeur par défaut. Appuyez dessus pendant 5 secondes pour relancer le système.</p> <p>❗ Si vous réinitialisez la caméra, les réglages réseau seront ajustés de sorte que le serveur DHCP puisse être activé. En l'absence de serveur DHCP au sein du réseau, vous devez lancer le programme d'installation IP Installer pour modifier les réglages réseau de base, tels que l'adresse IP, le masque de sous-réseau, la passerelle, etc., avant de pouvoir vous connecter au réseau.</p>				
3 Connecteur PoE	Alimentez le câble Ethernet et connectez-vous au réseau.				
4 Levier de commande de mise au point	<table><tr><td>N</td><td>Mise au point sur un objet proche (Proche)</td></tr><tr><td>F</td><td>Mettre au point sur un objet éloigné (loin)</td></tr></table> <p>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.</p>	N	Mise au point sur un objet proche (Proche)	F	Mettre au point sur un objet éloigné (loin)
N	Mise au point sur un objet proche (Proche)				
F	Mettre au point sur un objet éloigné (loin)				
5 Levier de commande de zoom	<table><tr><td>T</td><td>Zoomer (Télé. obj.)</td></tr><tr><td>W</td><td>Dézoomer (grand angle)</td></tr></table> <p>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.</p>	T	Zoomer (Télé. obj.)	W	Dézoomer (grand angle)
T	Zoomer (Télé. obj.)				
W	Dézoomer (grand angle)				

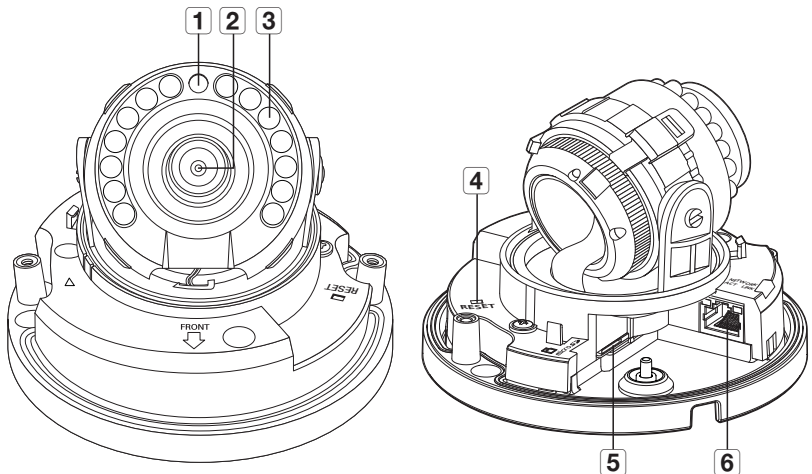
D'UN COUP D'ŒIL (LNV-6010R/6020R/6030R)

Apparence



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

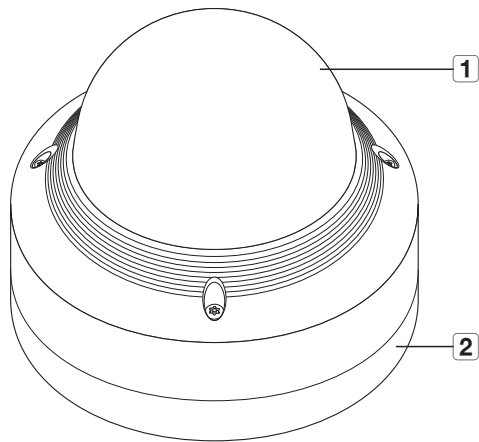
Composants



Élément	Description
1 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	<p>Le bouton permet de restaurer tous les réglages de la caméra sur leur valeur par défaut. Appuyez dessus pendant 5 secondes pour relancer le système.</p> <p>Si vous réinitialisez la caméra, les réglages réseau seront ajustés de sorte que le serveur DHCP puisse être activé. En l'absence de serveur DHCP au sein du réseau, vous devez lancer le programme d'installation IP Installer pour modifier les réglages réseau de base, tels que l'adresse IP, le masque de sous-réseau, la passerelle, etc., avant de pouvoir vous connecter au réseau.</p>
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.

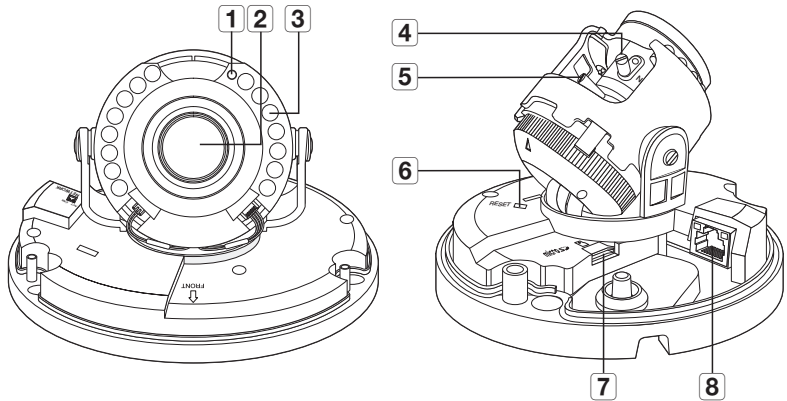
D'UN COUP D'ŒIL (LNV-6070R)

Apparence



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

Composants



Élément	Description	
1 Capteur d'éclairage	Détection de 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)
5 Levier de commande de zoom	T	Zoomer (Télé. obj.)
	W	Dézoomer (grand angle)
6 Bouton de réinitialisation	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.	
	Le bouton permet de restaurer tous les réglages de la caméra sur leur valeur par défaut. Appuyez dessus pendant 5 secondes pour relancer le système. ⓘ Si vous réinitialisez la caméra, les réglages réseau seront ajustés de sorte que le serveur DHCP puisse être activé. En l'absence de serveur DHCP au sein du réseau, vous devez lancer le programme d'installation IP Installer pour modifier les réglages réseau de base, tels que l'adresse IP, le masque de sous-réseau, la passerelle, etc., avant de pouvoir vous connecter au réseau.	
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-6010R/6020R/6030R/6070R)

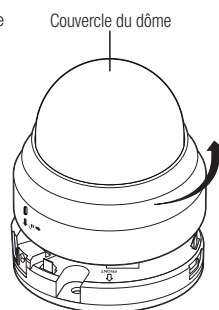
Précautions à prendre avant l'installation

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

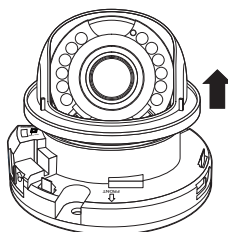
- Elle doit être installée sur une zone (plafond ou mur) qui peut supporter cinq fois le poids de la caméra, y compris le support d'installation.
- L'utilisation de câbles recollés ou effilochés peut endommager le produit et provoquer un incendie.
- Pour des raisons de sécurité, ne laissez personne d'autre 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.

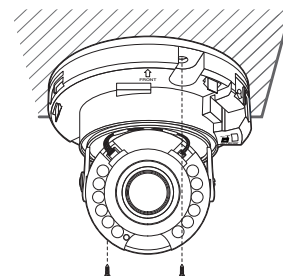
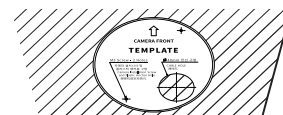


2. Soulevez le couvercle intérieur pour le séparer.



Installation

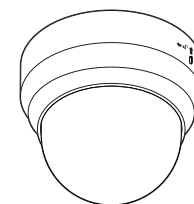
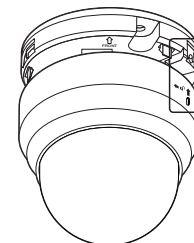
1. Fixez le gabarit d'installation à l'emplacement souhaité et percez des trous en suivant le gabarit.
2. Utilisez les vis taraudeuses fournies pour fixer la caméra sur les trous percés dans le gabarit.
 - Placez la marque <↑> imprimée sur la caméra en face de la zone à surveiller.
3. Raccordez les bornes 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 « **Réglage de l'orientation de la caméra 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-6010R / 6020R / 6030R)
- 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-6070R)

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-6010R/6020R/6030R/6070R)

- ! 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.

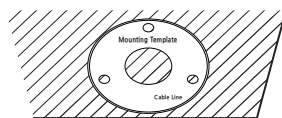
Précautions à prendre avant l'installation

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

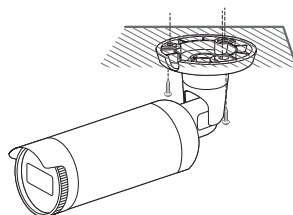
- Elle doit être installée sur une zone (plafond ou mur) qui peut supporter cinq fois le poids de la caméra, y compris le support d'installation.
- L'utilisation de câbles recollés ou effilochés peut endommager le produit et provoquer un incendie.
- Pour des raisons de sécurité, ne laissez personne d'autre 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. Fixez le gabarit d'installation à l'emplacement souhaité et percez des trous en suivant le gabarit.

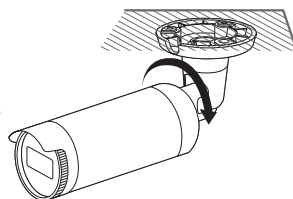


2. Utilisez les vis taraudeuses fournies pour fixer la caméra sur les trous percés dans le gabarit.
3. Connectez les câbles appropriés aux bornes de la caméra.



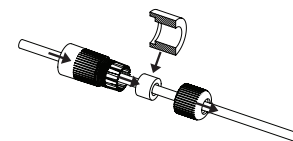
4. Réglez l'orientation de la caméra à l'aide d'un tournevis cruciforme.

- ! 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.

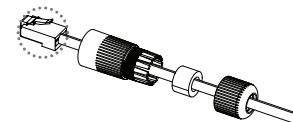


Comment connecter le câble RJ45 étanche à un câble LAN

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

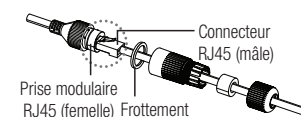


2. Branchez le connecteur LAN (mâle) au câble.

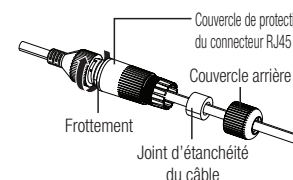


3. Branchez la prise modulaire RJ45 (femelle) au connecteur RJ45 (mâle).

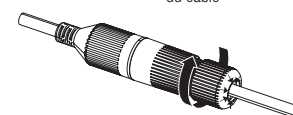
- ! Veuillez garder chacune des pièces séparées.



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 couvercle 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.

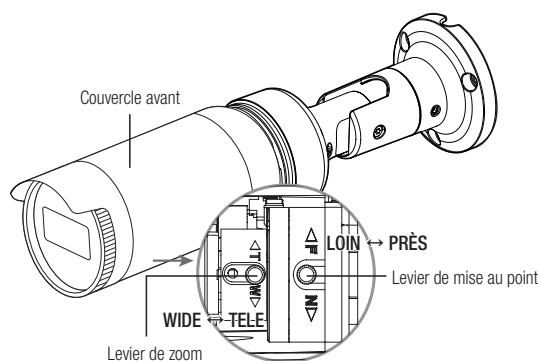
2. Enroulez la gaine du câble noir (zone A) et la zone de connexion du câble à l'aide de ruban étanche (en caoutchouc butylique), de sorte que plus de la moitié du ruban est chevauchée.



- ! ■ 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'à au double de sa longueur normale.

Pour régler le facteur de zoom ou la mise au point (LNO-6070R)

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.

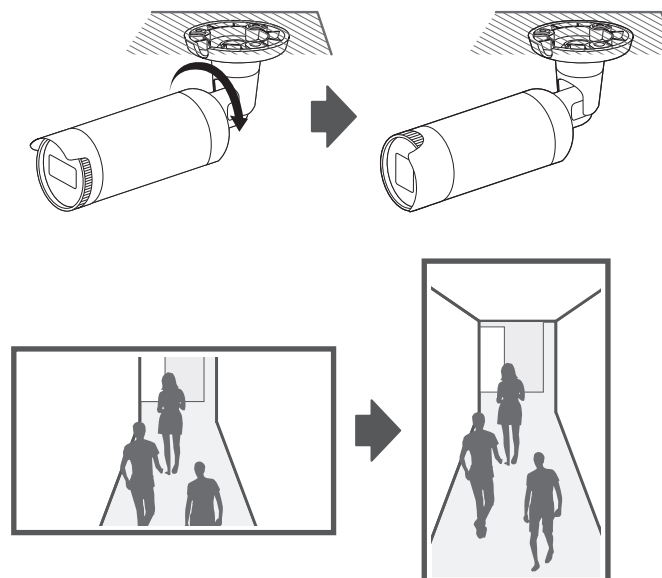


- ! ■ Pour garantir une étanchéité homogène, resserrez le couvercle avant en le tournant jusqu'en bout de course. En associant le capot avant, veuillez associer le corps principal et le couvercle avant de sorte que l'indicateur LOCK soit verrouillé.
- Utilisez le levier pour régler le facteur de zoom 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-6010R/6020R/6030R/6070R)

- ! 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.

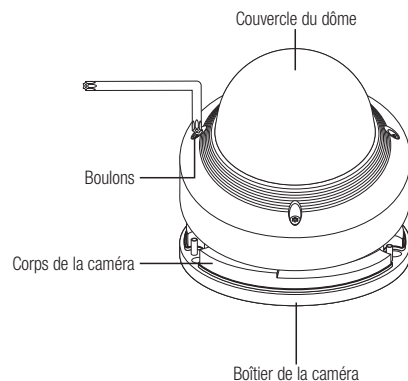
Précautions à prendre avant l'installation

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.

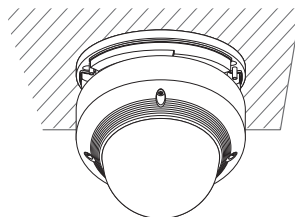
Démontage

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

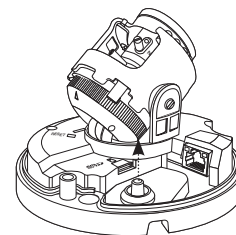
2. Fixez le gabarit d'installation à l'emplacement souhaité et percez des trous en suivant le gabarit.
3. Utilisez les vis taraudeuses fournies pour fixer la caméra sur les trous percés dans le gabarit.
4. Connectez et disposez les câbles nécessaires de sorte à éviter de les endommager ou de les coincer lors de l'installation de la caméra.
5. Réglez l'orientation de l'objectif selon la position souhaitée en vous reportant à la section « **Réglage de l'orientation de la caméra de surveillance** ». (page 20)
6. 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.



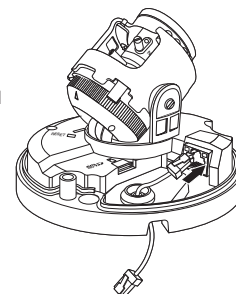
Raccordement du câble LAN

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

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



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)

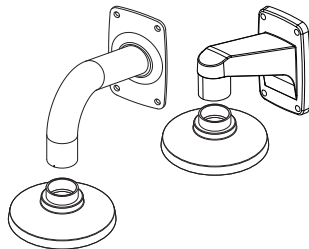
Choisissez et achetez parmi les options suivantes (dégroupées) celle qui est adaptée au site d'installation ou celle qui vous convient le mieux.

1. Retirez le couvercle du dôme du boîtier en vous référant au chapitre « **Démontage** ». (page 18)
2. Utilisez la vis de mécanique fournie pour fixer le boîtier de la caméra à l'adaptateur dégroupé.
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 « **Réglage de l'orientation de la caméra 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.

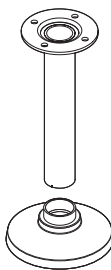
Accessoires en option pour l'installation

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

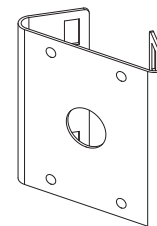
1. ADAPTATEUR POUR FIXATION MURALE (SBP-300WMW1) /
ADAPTATEUR POUR FIXATION SUSPENDUE (SBP-122HMMW : LND-6070R, LNV-6010R/6020R/6030R, SBP-301HMMW2 : LNV-6070R, SBP-300HMMW7 : LND-6010R/6020R/6030R)
Cet adaptateur est utilisé pour installer le dôme de la caméra sur un mur.



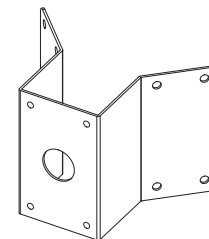
2. ADAPTATEUR POUR FIXATION AU PLAFOND (SBP-300CM) /
ADAPTATEUR POUR FIXATION SUSPENDUE (SBP-122HMMW : LND-6070R, LNV-6010R/6020R/6030R, SBP-301HMMW2 : LNV-6070R, SBP-300HMMW7 : LND-6010R/6020R/6030R)
Cet adaptateur est utilisé pour installer le dôme de la caméra sur un plafond en béton.



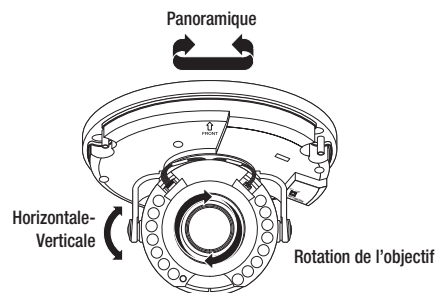
3. ADAPTATEUR POUR FIXATION SUR POTEAU (SBP-300PM)
Ceci est un adaptateur utilisé pour l'installation de l'ADAPTATEUR POUR FIXATION MURALE (SBP-300WM ou SBP-300WM1) sur un poteau d'un diamètre supérieur à 80 mm.



4. ADAPTATEUR POUR FIXATION D'ANGLE (SBP-300KM)
Ceci est un adaptateur pour l'installation de l'ADAPTATEUR POUR FIXATION MURALE (SBP-300WM ou SBP-300WM1) à l'angle du joint de mur.



Réglage de l'orientation de la caméra de surveillance (LND-6010R/6020R/6030R/6070R, LNV-6010R/6020R/6030R/6070R)



■ 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.
 - Ne forcez pas sur la mise au point / le zoom de l'objectif après démontage du boîtier en dôme. Autrement, ceci peut fausser la mise au point en raison d'une panne de moteur.

■ Méthodes de réglage

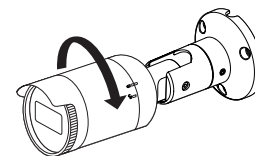
1. Après l'installation de la caméra, réglez l'angle de panoramique selon la direction de surveillance.
2. Réglez l'angle horizontal de manière à ce que l'image ne soit pas inversée.
3. Réglez l'angle d'inclinaison de sorte que la caméra soit face à l'objet à surveiller.

INSERTION/RETRAIT D'UNE CARTE MÉMOIRE MICRO SD

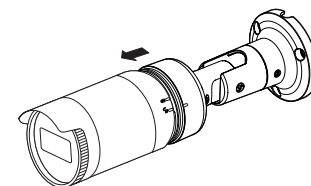
- !**
- Déconnectez le câble d'alimentation de la caméra avant d'y insérer la carte mémoire Micro SD.
 - N'insérez pas la carte mémoire Micro SD à l'envers et de force. Autrement, vous risquez d'endommager la carte mémoire Micro SD.
 - En cas de pluie ou lorsque le taux d'humidité est élevé, l'insertion 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-6010R/6020R/6030R/6070R)

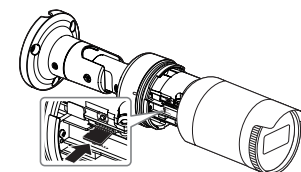
1. Tournez le couvercle avant dans le sens [↺].



2. Tirez et séparez le couvercle avant.

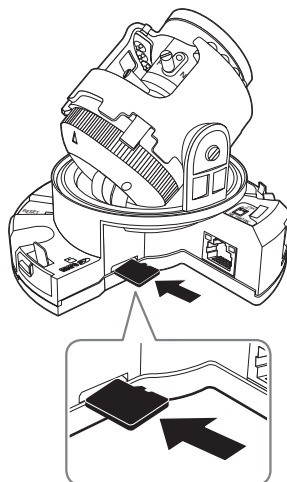


3. Insérez une carte Micro SD en suivant la direction de la flèche du schéma.

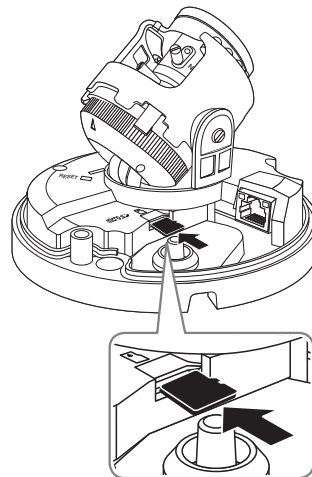


Insertion d'une carte mémoire Micro SD (LND-6010R/6020R/6030R/6070R, LNV-6010R/6020R/6030R/6070R)

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



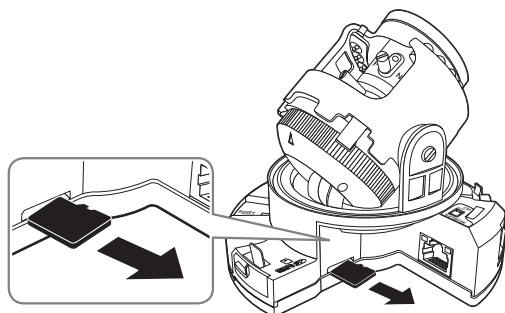
<LND-6010R/6020R/6030R/6070R>



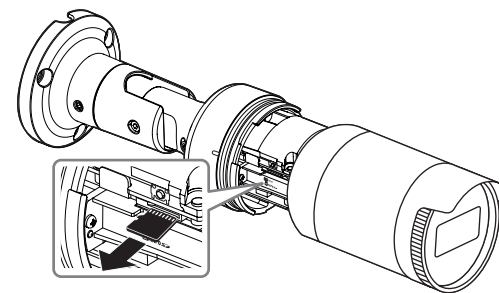
<LNV-6010R/6020R/6030R/6070R>

Retrait d'une carte mémoire Micro SD

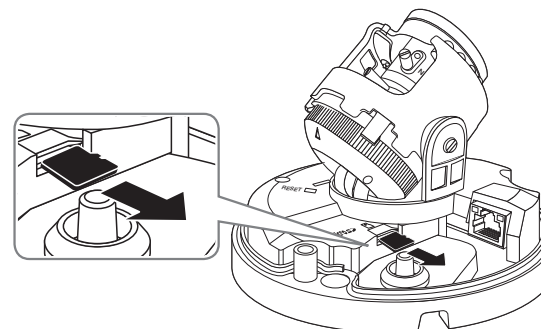
Appuyer doucement vers le bas sur l'extrémité exposée de la carte mémoire comme indiqué dans le diagramme pour éjecter la carte mémoire de la fente.



<LND-6010R/6020R/6030R/6070R>



<LNO-6010R/6020R/6030R/6070R>




<LNV-6010R/6020R/6030R/6070R>

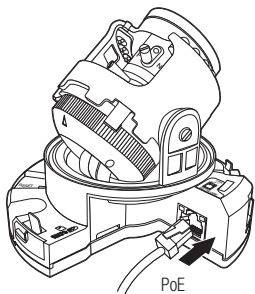


- Veuillez noter que si vous appuyez fermement et relâchez la carte mémoire Micro SD quand elle est éjectée, elle peut sortir.
- Avant de retirer la carte mémoire Micro SD, dans <Stockage>, réglez le dispositif sur <Désactivé> et appuyez sur le bouton [Appliquer], puis mettez la caméra hors tension.
- 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.

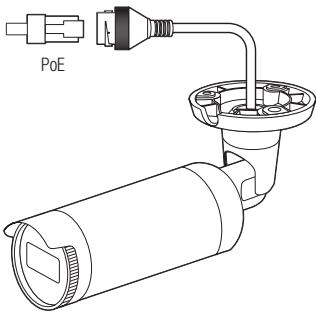
ALIMENTATION ET MISE EN RÉSEAU

Connectez votre périphérique PoE à la caméra.

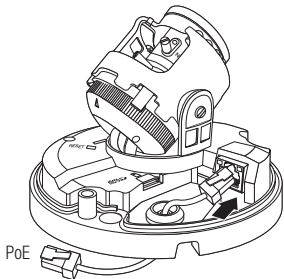
- 
- Connectez-vous à un connecteur PoE du routeur compatible PoE (alimentation électrique par câble Ethernet).
 - Utilisez un équipement PoE (alimentation électrique par câble Ethernet) prenant en charge la norme IEEE802.3af.



<LND-6010R/6020R/6030R/6070R>



<LNO-6010R/6020R/6030R/6070R>



<LNV-6010R/6020R/6030R/6070R>

Spécifications du câble réseau

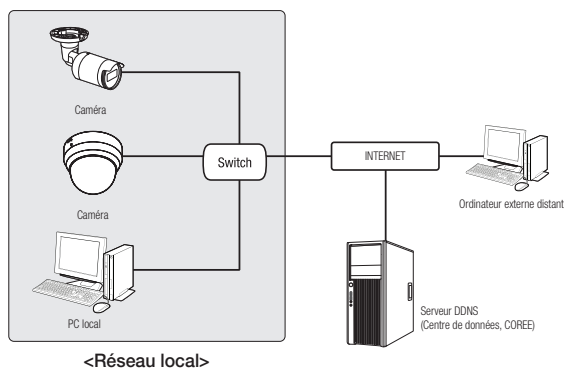
Élément	Contenus	Remarque
Connecteur	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
Câble	5e catégorie UTP	
Distance max.	100 M	Résistance CC ≤ 0,188 Ω/m
Support du PoE	IEEE 802.3af	

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

CONNECTER LA CAMÉRA DIRECTEMENT AU RÉSEAU DE ZONE LOCALE

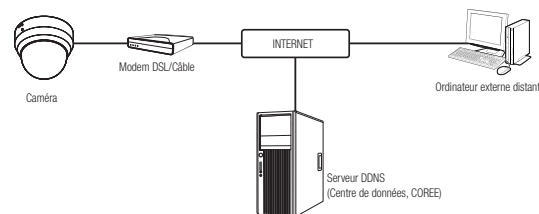
Se connecte à la caméra à partir d'un PC local sur le LAN

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 le programme d'installation IP, vous pouvez utiliser le mot de passe initial, "4321" pour définir l'adresse IP, le masque de sous réseau, la passerelle, le port HTTP, le port VNP et le type d'IP. Après avoir changé l'interface réseau, pour une meilleure sécurité, accédez au navigateur Web et modifiez le mot de passe.
- Par défaut, l'adresse IP sera attribuée automatiquement depuis le serveur DHCP. En l'absence de serveur DHCP disponible, l'adresse IP sera définie sur 192.168.1.100. Pour changer l'adresse IP, utilisez le programme d'installation IP. Pour obtenir de plus amples détails sur l'utilisation du programme d'installation IP, reportez-vous à la section « Configuration de l'adresse IP Fixe ». (Page 25)

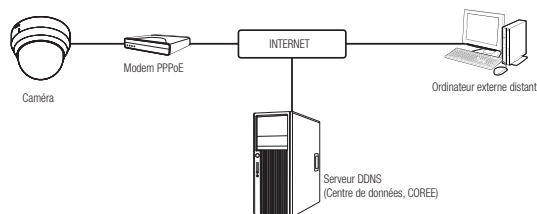
CONNEXION DE LA CAMÉRA DIRECTEMENT À UN MODEM DSL/CÂBLE BASÉ SUR LE PROTOCOLE DHCP



1. Connectez l'ordinateur utilisateur directement à la caméra réseau.
2. Exécutez le programme d'installation IP et changez l'adresse IP de la caméra afin d'utiliser le navigateur Web sur votre poste pour la connexion à l'Internet.
3. Utilisez le navigateur Internet pour connecter le Web viewer.
4. Allez à la page [Configuration].
5. Allez sur [Réseau] – [DDNS], puis configurez les réglages DDNS.
6. Allez à [Basic] – [IP & Port], et définissez le type d'IP pour [DHCP].
7. Connectez la caméra, qui a été retirée de votre ordinateur, directement au modem.
8. Redémarrez la caméra.

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

CONNEXION DE LA CAMÉRA DIRECTEMENT À UN MODEM PPPoE

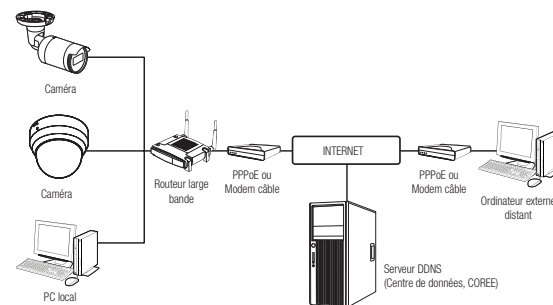


1. Connectez l'ordinateur utilisateur directement à la caméra réseau.
2. Exécutez le programme d'installation IP et changez l'adresse IP de la caméra afin d'utiliser le navigateur Web sur votre poste pour la connexion à l'Internet.
3. Utilisez le navigateur Internet pour connecter le Web viewer.
4. Allez à la page [Configuration].
5. Allez sur [Réseau] – [DDNS], puis configurez les réglages DDNS.
6. Allez à [Basic] – [IP & Port] Page de configuration, définissez le type d'IP [PPPoE], et saisissez l'ID du service réseau et le mot de passe.
7. Connectez la caméra, qui a été retirée de votre ordinateur, directement au modem.
8. Redémarrez la caméra.

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

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

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



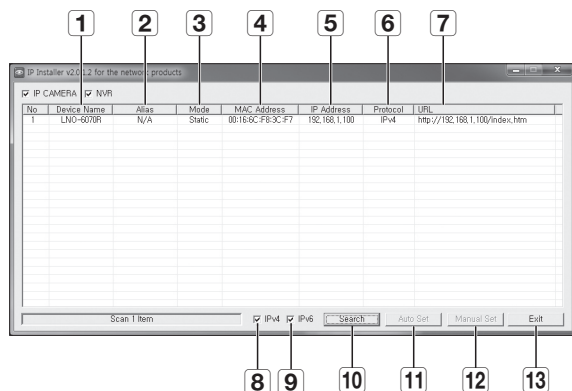
Configurer les paramètres de réseau du PC local connecté au routeur

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

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

- Pour l'adresse du Routeur large bande, se référer à la documentation du produit.
- Pour plus d'informations sur la redirection de port du routeur large bande, reportez-vous à « Configuration de la Redirection de la Plage de Ports (Mappage de Ports) » : (Page 27)

BOUTONS UTILISÉS SOUS IP INSTALLER



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

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

- En ce qui concerne le programme d'installation IP Installer, utilisez uniquement la version fournie sur le CD d'installation ou la dernière version disponible de l'application. Vous pouvez télécharger la version la plus récente du produit sur le site Internet de Hanwha Techwin.

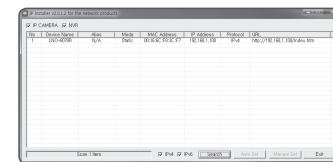
CONFIGURATION DE L'ADRESSE IP FIXE

Configuration réseau manuelle

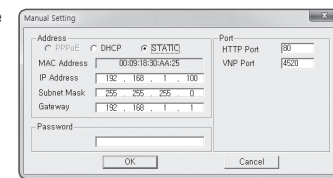
Exécutez <IP Installer_v2.XX.exe> pour afficher la liste des résultats de la recherche de caméras. Au démarrage initial, les deux options [Auto Set] et [Manual Set] sont grisées.

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

1. Sélectionnez une caméra dans la liste de recherche.
Vérifiez l'adresse MAC de la caméra sur l'étiquette de la caméra.
Les boutons [Auto Set] et [Manual Set] sont alors activés.



2. Cliquez sur [Manual Set].
La boîte de dialogue Manual Setting apparaît.
<IP Address>, <Subnet Mask>, <Gateway>, <HTTP Port>, et <VNP Port> de la caméra sont affichés avec les valeurs préréglées.



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

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

Si vous n'utilisez pas de Routeur large bande

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

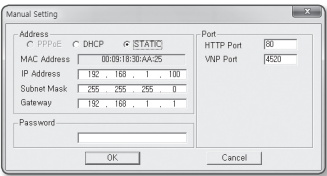
4. Renseignez les informations nécessaires dans la sous-fenêtre <Port>.

- HTTP Port : Permet d'accéder à la caméra à l'aide du navigateur Internet, réglé par défaut sur 80.
- VNP Port : Permet de contrôler le transfert du signal vidéo, réglé par défaut sur 4520.

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

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

6. Cliquez sur [OK].
La configuration réseau manuelle est ainsi terminée.

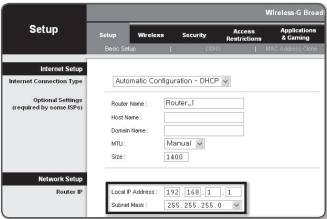


Si vous utilisez un Routeur large bande

- IP Address : Entrez une adresse comprise dans la plage IP fournie par le Routeur large bande.
ex.) 192.168.1.2~254, 192.168.0.2~254, 192.168.XXX.2~254

- Subnet Mask : La valeur de <Subnet Mask> du Routeur large bande est identique à celle de l'option <Subnet Mask> de la caméra.
- Gateway : La valeur de <Local IP Address> du Routeur large bande est identique à celle de l'option <Gateway> de la caméra.

- Les réglages peuvent varier selon le modèle du Routeur large bande connecté.
Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.
- Pour plus d'informations sur la redirection de port du routeur large bande, reportez-vous à « Configuration de la Redirection de la Plage de Ports (Mapping de Ports) ». (Page 27)



Si le Routeur large bande dispose de plusieurs caméras connectées

Configurez séparément les réglages IP et les réglages de port.
ex.)

Catégorie		Caméra 1	Caméra 2
Réglages IP	IP Address	192.168.1.100	192.168.1.101
	Subnet Mask	255.255.255.0	255.255.255.0
	Gateway	192.168.1.1	192.168.1.1
Réglages de port	HTTP Port	8080	8081
	VNP Port	4520	4521

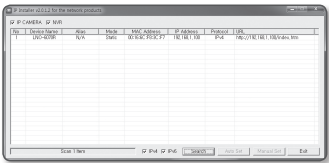
- Si l'option <HTTP Port> est réglée sur une valeur différente de 80, vous devrez indiquer le numéro du réglage <Port> dans la barre d'adresse du navigateur Internet pour pouvoir accéder à la caméra.
ex.) http://IP address : HTTP Port
http://192.168.1.100:8080

Configuration réseau automatique

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

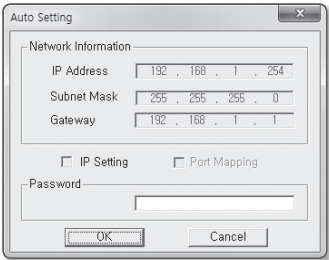
- Pour les caméras trouvées ayant un réglage IPv6, ces boutons sont grisés car ces cameras ne prennent pas en charge cette fonction.

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



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

4. Cliquez sur [OK].
La configuration réseau automatique est ainsi terminée.



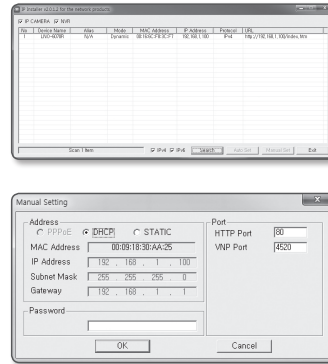
CONFIGURATION DE L'ADRESSE IP DYNAMIQUE

Configuration de l'environnement IP Dynamique

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

Vérification de l'adresse IP Dynamique

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

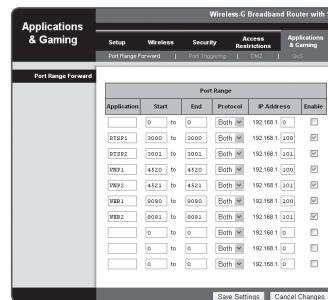


CONFIGURATION DE LA REDIRECTION DE LA PLAGE DE PORTS (MAPPAGE DE PORTS)

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

Redirection manuelle de la plage de ports

- Depuis le menu Setup du Routeur large bande, sélectionnez <Applications & Gaming> - <Port Range Forward>.
Pour le réglage de la redirection de la plage de ports sur un Routeur large bande tiers, reportez-vous au manuel d'utilisation du Routeur large bande concerné.
- Sélectionnez <TCP> et <UDP Port> pour chacune des caméras connectées au Routeur large bande.
Le nombre de ports à configurer sur le routeur IP doit être réglé en fonction du nombre de ports indiqué dans <Configuration> - <Basic> - <IP & Port> sur le visualiseur Web de la caméra.



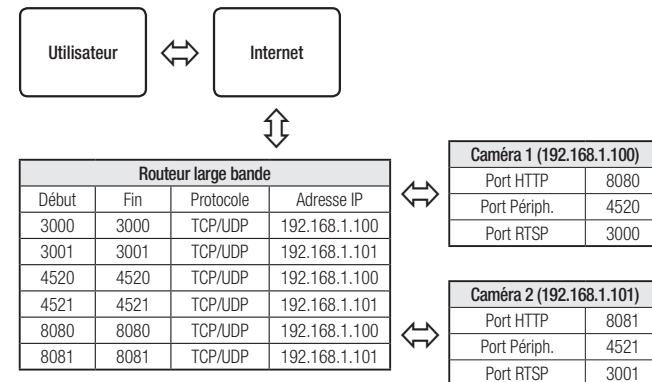
- Une fois terminé, cliquez sur [Save Settings].
Vos réglages seront ainsi sauvegardés.

- Les instructions des exemples ci-dessus sont basées sur le Routeur large bande de CISCO.
- Les réglages peuvent varier selon le modèle du Routeur large bande connecté.
Pour obtenir de plus amples informations à ce sujet, reportez-vous au guide d'utilisation du routeur applicable.

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

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


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

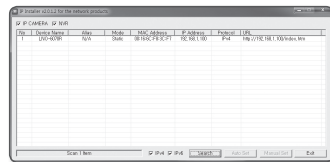


- La redirection de port peut être réalisée sans paramétrage supplémentaire du routeur si celui-ci supporte la fonction UPnP.
Après avoir connecté la caméra réseau, cochez la case à cocher dans le menu <Connexion rapide> dans <DDNS Wisenet> dans "Paramètres → Réseau → DDNS".

CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR LOCAL PARTAGÉ

1. Exécutez le programme d'installation IP.
Le système recherche les caméras connectées et en affiche la liste.
2. Double-cliquez sur une caméra pour y accéder.
Le navigateur Internet démarre et se connecte à la caméra.

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



CONNEXION À LA CAMÉRA DEPUIS UN ORDINATEUR DISTANT VIA INTERNET

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

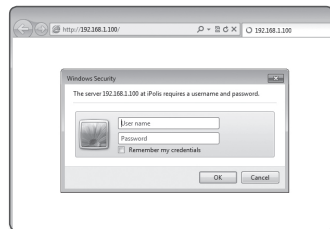
1. Avant de pouvoir accéder à une caméra depuis le réseau du Routeur large bande, vous devez régler la redirection des plages de port du Routeur large bande.
2. Depuis l'ordinateur distant, lancez le navigateur Internet et tapez l'adresse URL DDNS de la camera ou l'adresse IP du Routeur large bande dans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

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

CONNEXION À LA CAMÉRA

Normalement, vous devez procéder comme suit

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



Si le numéro de port HTTP est différent de 80

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

Utilisation de l'adresse URL

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



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

Se connecter via UPnP

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

Se connecter via Bonjour

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

Vérification de l'adresse DDNS

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

Le cas échéant, vous ne serez pas informé du changement d'adresse IP par le serveur DDNS.

Une fois que vous enregistrez un périphérique dynamique basé sur IP sur le serveur <DDNS>, vous pouvez facilement vérifier l'adresse IP modifiée lorsque vous essayez d'accéder au périphérique.

<http://ddns.hanwha-security.com> et enregistrez tout d'abord votre périphérique puis réglez <Réseau> - <DDNS> de Web Viewer sur <Wisenet DDNS>. Renseignez également le champ <ID produit> avec la donnée utilisée pour l'enregistrement DDNS.

RÉGLAGE DU MOT DE PASSE

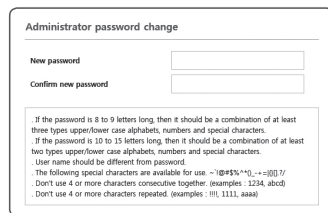
Lorsque vous accédez au produit pour la première fois, vous devez enregistrer le mot de passe de connexion.

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.

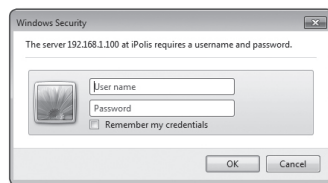


LOGIN

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.

- Entrez « **admin** » dans la zone de saisie de texte <**User Name**>. L'identifiant de l'administrateur « **admin** » est fixe et ne peut être modifié.
- Saisissez le mot de passe dans le champ de saisie <**Password**>.
- 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.

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

La visionneuse Web a une visionneuse Wev intégrée et un plugin intégré et une nouvelle visionneuse Web sans plugin ensemble. Cela signifie que la visionneuse Web peut être utilisée même dans les environnements de navigateur modernes qui ne prennent pas en charge les plug-ins, tels que Chrome, EDGE et Firefox (Windows 64 bits uniquement). Il est recommandé d'installer le plugin dans le navigateur IE, ce qui permet l'installation du plugin. Les différences suivantes se produiront en fonction de l'environnement de votre navigateur :

- Chrome, FireFox(Windows 64 bits uniquement), EDGE, Safari** : Bien qu'ils ne prennent pas en charge les plug-in, vous pouvez utiliser un visualiseur Web étant donné qu'un visualiseur Web sans plug-in est intégré.
 - Étant donné que le visualiseur sans plug-in a des performances moins élevées par rapport au visualiseur avec plug-in, il existe une limite relative au suivi des profils de haute qualité et à la lecture des vidéos enregistrées. Pour surveiller les profils de haute qualité et les vidéos enregistrées, utilisez un visualiseur Web avec plug-in ou un visualiseur intelligent.
 - Un profil sans plug-in est automatiquement créé lorsqu'il y a un retard dans la vidéo en direct.
 - La lecture peut entraîner des retards, en fonction du codec et de la résolution.
 - La fonction sans plug-in a été optimisée pour le navigateur Chrome.
- IE browser** : Vous pouvez utiliser un visualiseur Web même si vous n'installez pas le visualiseur Web avec plug-in existant.



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

INSTALLATION DU MODULE WebViewer

Si vous essayez d'accéder à la visionneuse Web sans plug-in à partir du navigateur IE et de demander une vue en direct avec un codec autre que celui actuellement utilisé, ou demander d'utiliser la fonction de lecture vidéo enregistrée, un message d'installation apparaît. À ce stade, le plugin de la visionneuse Web doit être installé pour utiliser les fonctions normalement.

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

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

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

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

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

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

5. Cliquez sur **[OK]**.

L'ancienne version du module d'extension est supprimée.

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

7. Cliquez sur **[Finish]**.

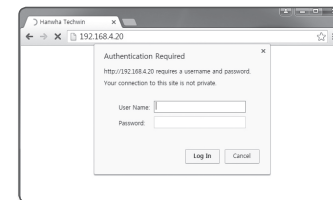
L'installation du module d'extension pour navigateur Web est achevée.

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

UTILISER GRATUITEMENT UN PLUG-IN DE VISUALISEUR WEB

Si vous vous connectez à une caméra depuis Google Chrome, Mozilla Firefox, MS Edge ou le navigateur Web Safari, vous ne pouvez pas installer un plug-in distinct, mais vous pouvez visualiser et contrôler les vidéos de la caméra en temps réel, sans aucun plugin.

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



Pour configurer la caméra

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

SPÉCIFICATIONS

Éléments		Description		
		LND-6010R/6020R/6030R	LNO-6010R/6020R/6030R	LNV-6010R/6020R/6030R
Vidéo	Système imageur	1/2,9" 2,19M CMOS		
	Nombre total de pixels	2,000(H) x 1,121(V)		
	Nombre de pixels réels	1,984(H) x 1,105(V)		
	Système de balayage	Progressif		
	Luminosité minimale	Couleur : 0,18Lux (1/30sec, F2.0), 0,003Lux (2sec, F2.0) N / B : 0Lux (LED IR allumée)		
Objectif	Longueur focale (facteur zoom)	LND-6010R/LNO-6010R/LNV-6010R : 3mm LND-6020R/LNO-6020R/LNV-6020R : 4mm LND-6030R/LNO-6030R/LNV-6030R : 6mm		
	Ouverture relative maxi	F 2.0		
	Champ de vision angulaire	LND-6010R/LNO-6010R/LNV-6010R : H : 102° / V : 54° / D : 120° LND-6020R/LNO-6020R/LNV-6020R : H : 80° / V : 43° / D : 94° LND-6030R/LNO-6030R/LNV-6030R : H : 51° / V : 29° / D : 58°		
	Distance minimale de l'objet à l'objectif	0.5m(1.64ft)		
	Type d'objectif	Fixe		
	Type montage	Type de carte		
Panoramique / Inclinaison / Rotation	Plage de panoramique	0~350°	-	0~350°
	Plage d'orientation	0~67°	-	0~67°
	Plage de rotation	0~355°	-	0~355°
Opérationnel	Longueur de vision	20m	30m	
	Titre de caméra	Désactivé / Activé (jusqu'à 15 caractères affichés)		
	Jour et Nuit	Auto (ICR) / Couleur / N / B / Planification		
	Compensation de rétroéclairage	Désactivé / BLC / WDR		

Éléments	Description		
	LND-6010R/6020R/6030R	LNO-6010R/6020R/6030R	LNV-6010R/6020R/6030R
Opérationnel	Large gamme dynamique	120dB	
	Amélioration du contraste	SSDR (Désactivé / Activé)	
	Réduction du bruit numérique	SSNR (Désactivé / Activé)	
	Détection mouvement	Désactivé / Activé (Zones de polygones 4ea)	
	Masque de confidentialité	Désactivé / Activé (Zones de rectangle 6ea)	
	Contrôle du gain	Désactivé / Faible / Moyen / Élevé	
	Balance Blancs	ATW / AWC / Manuel / Intérieur / Extérieur	
	LDC (correction de la distorsion de l'objectif)	On / Off (5 niveaux avec Min/Max)	
	Vitesse d'obturateur électronique	Minimum / Maximum / Anti scintillement	
	Retourner/Miroir	Retourner / Miroir / Vue corridor	
Réseau	Analyse vidéo intelligente	Détection de mouvement, Altération	
	Déclenchements d'alarme	Détection de mouvements, détection de la trempe, erreur carte SD	
	Événements d'alarme	<ul style="list-style-type: none">• Télétransmission de fichiers via FTP, E-mail• Notification par e-mail• Enregistrement de stockage local à l'événement	
	Ethernet	RJ-45 (10/100BASE-T)	
	Format de compression vidéo	H.264, MJPEG	
	Résolution	1920x1080 / 1280x1024 / 1280x960 / 1280x720 / 1024x768 / 800x600 / 800x448 / 720x576 / 720x480 / 640x480 / 640x360 / 320x240	
	Vitesse d'enregistrement max.	H.265/H.264 - Max. 30fps pour toutes les résolutions MJPEG - Max. 1fps à 1920x1080/1280x1024/1280x720/1024x768, Max. 15fps à d'autres résolutions	
	WiseStream II	Assistance	
	Réglage de la qualité vidéo	H.264/MJPEG : Contrôle du niveau de débit binaire cible	

Éléments		Description		
		LND-6010R/6020R/6030R	LNO-6010R/6020R/6030R	LNV-6010R/6020R/6030R
Réseau	Méthode de contrôle du débit binaire	H.264 : CBR ou VBR MJPEG : VBR		
	Fonction de lecture en transit	Lecture en transit multiple (Jusqu'à 3 profils)		
	Audio I/O	-		
	Format de compression audio	-		
	Communication audio	-		
	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	6 utilisateurs max en mode Diffusion individuelle		
	Edge storage	Micro SD/SDHC (jusqu'à 32G) - Les images en mouvement enregistrées dans la carte mémoire SD peuvent être téléchargées. PC local pour un enregistrement instantané		
	Interface de programmation de l'application	ONVIF Profile S/G SUNAPI(HTTP API)		
	Langue de la page Web	Anglais, Français, Allemand, Espagnol, Italien, Chinois, Coréen, Russe, Japonais, Suédois, Portugais, Tchèque, Polonais, Turc, Néerlandais, Hongrois, Grec		

Éléments		Description		
		LND-6010R/6020R/6030R	LNO-6010R/6020R/6030R	LNv-6010R/6020R/6030R
Réseau	Web Viewer	Système d'exploitation pris en charge : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Visualiseur Web sans plug-in Navigateurs Web supportés : Google Chrome 63, MS Edge 41, Mozilla Firefox 57(Window 64bit uniquement), Apple Safari 11 (Mac OS X uniquement) Visualiseur avec plug-in Navigateurs Web supportés : MS Explorer 11		
	Logiciel de gestion centrale CMS	SmartViewer, SSM		
Environnemental	Température / Humidité de fonctionnement	-10°C ~ +55°C (14°F ~ +131°F) / Moins de 90 % d'humidité.	-30°C ~ +55°C (-22°F ~ +131°F) / Moins de 90 % d'humidité. * Le démarrage doit être effectué au-dessus de -20°C	
	Température / Humidité de stockage	-30°C ~ +60°C (-22°F ~ +140°F) / Moins de 90 % d'humidité relative		
	Protection captage	-	IP66	
	Résistance au vandalisme	-		IK10
Électrique	Tension d'entrée / Courant	PoE (IEEE802.3af, Classe3)		
	Consommation d'énergie	6.5W		
Mécanique	Couleur / Matériau	Blanc(RAL-9003)/Plastique	Gris foncé/Plastique	Blanc(RAL-9003)/Aluminium, Plastique
	Dimensions (ØxH)	Ø110,0mm(4,33") x H86,0(3,39")mm	Ø58,6mm(2,31") x H182,0(7,17")mm	Ø120,3mm(4,74") x H91,7(3,61")mm
	Poids	230g(0,51lb)	240g(0,53lb)	395g(0,87lb)

Éléments		Description		
		LND-6070R	LNO-6070R	LNV-6070R
Vidéo	Système imageur	1/2,9" 2,19M CMOS		
	Nombre total de pixels	2,000(H) x 1,121(V)		
	Nombre de pixels réels	1,984(H) x 1,105(V)		
	Système de balayage	Progressif		
	Luminosité minimale	Couleur : 0,095Lux (1/30sec, F1.6), 0,003Lux (2sec, F1.6) N / B : 0Lux (LED IR allumée)		
Objectif	Longueur focale (facteur zoom)	3,2~10mm (3,1x) varifocal		
	Ouverture relative maxi	F1.6~2.9		
	Champ de vision angulaire	H : 101,6°(Wide) ~ 31,3°(Tele) V : 54,1°(Wide) ~ 17,8°(Tele) D : 120,6°(Wide) ~ 36,0°(Tele)		
	Distance minimale de l'objet à l'objectif	0.5m(1.64ft)		
	Contrôle de la mise au point	Manuel		
	Type d'objectif	DC auto iris		
	Type montage	Type de carte		
Panoramique / Inclinaison / Rotation	Plage de panoramique	0~350°	-	0~350°
	Plage d'orientation	0~67°	-	0~67°
	Plage de rotation	0~355°	-	0~355°
Opérationnel	Longueur de vision	20m	30m	
	Titre de caméra	Désactivé / Activé (jusqu'à 15 caractères affichés)		
	Jour et Nuit	Auto (ICR) / Couleur / N / B / Planification		
	Compensation de rétroéclairage	Désactivé / BLC / WDR		

Éléments		Description		
		LND-6070R	LNO-6070R	LNV-6070R
Opérationnel	Large gamme dynamique	120dB		
	Amélioration du contraste	SSDR (Désactivé / Activé)		
	Réduction du bruit numérique	SSNR (Désactivé / Activé)		
	Détection mouvement	Désactivé / Activé (Zones de polygones 4ea)		
	Masque de confidentialité	Désactivé / Activé (Zones de rectangle 6ea)		
	Contrôle du gain	Désactivé / Faible / Moyen / Élevé		
	Balance Blancs	ATW / AWC / Manuel / Intérieur / Extérieur		
	LDC (correction de la distorsion de l'objectif)	On / Off (5 niveaux avec Min/Max)		
	Vitesse d'obturateur électronique	Minimum / Maximum / Anti scintillement		
	Retourner/Miroir	Retourner / Miroir / Vue corridor		
Réseau	Analyse vidéo intelligente	Détection de mouvement, Altération		
	Déclenchements d'alarme	Détection de mouvements, détection de la trempe, erreur carte SD		
	Événements d'alarme	<ul style="list-style-type: none"> Télétransmission de fichiers via FTP, E-mail Notification par e-mail Enregistrement de stockage local à l'événement 		
	Ethernet	RJ-45 (10/100BASE-T)		
	Format de compression vidéo	H.264, MJPEG		
Réseau	Résolution	1920x1080 / 1280x1024 / 1280x960 / 1280x720 / 1024x768 / 800x600 / 800x448 / 720x576 / 720x480 / 640x480 / 640x360 / 320x240		
	Vitesse d'enregistrement max.	H.265/H.264 - Max. 30fps pour toutes les résolutions MJPEG - Max. 1fps à 1920x1080/1280x1024/1280x720/1024x768, Max. 15fps à d'autres résolutions		
	WiseStream II	Assistance		
	Réglage de la qualité vidéo	H.264/MJPEG : Contrôle du niveau de débit binaire cible		

Éléments		Description		
		LND-6070R	LNO-6070R	LNV-6070R
Réseau	Méthode de contrôle du débit binaire	H.264 : CBR ou VBR MJPEG : VBR		
	Fonction de lecture en transit	Lecture en transit multiple (Jusqu'à 3 profils)		
	Audio I/O	-		
	Format de compression audio	-		
	Communication audio	-		
	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	6 utilisateurs max en mode Diffusion individuelle		
	Edge storage	Micro SD/SDHC (jusqu'à 32G) - Les images en mouvement enregistrées dans la carte mémoire SD peuvent être téléchargées. PC local pour un enregistrement instantané		
	Interface de programmation de l'application	ONVIF Profile S/G SUNAPI(HTTP API)		
	Langue de la page Web	Anglais, Français, Allemand, Espagnol, Italien, Chinois, Coréen, Russe, Japonais, Suédois, Portugais, Tchèque, Polonais, Turc, Néerlandais, Hongrois, Grec		

Éléments		Description		
		LND-6070R	LNO-6070R	LNV-6070R
Réseau	Web Viewer	Système d'exploitation pris en charge : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Visualiseur Web sans plug-in Navigateurs Web supportés : Google Chrome 63, MS Edge 41, Mozilla Firefox 57(Window 64bit uniquement), Apple Safari 11 (Mac OS X uniquement) Visualiseur avec plug-in Navigateurs Web supportés : MS Explorer 11		
	Logiciel de gestion centrale CMS	SmartViewer, SSM		
Environnemental	Température / Humidité de fonctionnement	-10°C ~ +55°C (14°F ~ +131°F) / Moins de 90 % d'humidité.	-30°C ~ +55°C (-22°F ~ +131°F) / Moins de 90 % d'humidité. * Le démarrage doit être effectué au-dessus de -20°C	
	Température / Humidité de stockage	-30°C ~ +60°C (-22°F ~ +140°F) / Moins de 90 % d'humidité relative		
	Protection captage	-	IP66	
	Résistance au vandalisme	-	IK10	
Électrique	Tension d'entrée / Courant	PoE (IEEE802.3af, Classe3)		
	Consommation d'énergie	6.5W		
Mécanique	Couleur / Matériau	Blanc(RAL-9003)/Plastique	Gris foncé/Plastique	Blanc(RAL-9003)/Aluminium, Plastique
	Dimensions (ØxH)	Ø119,8mm(4,72") x H98,8(3,89")mm	Ø78,0mm(3,07") x H262,0(10,32")mm	Ø137,8mm(5,43") x H106,1(4,18")mm
	Poids	274g(0,6lb)	380g(0,84lb)	515g(1,16lb)

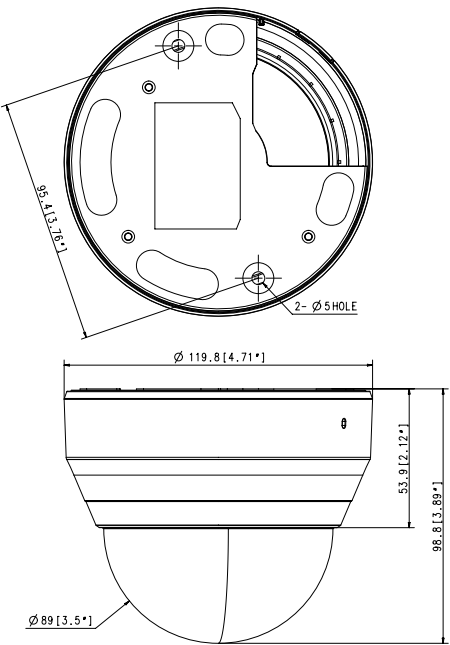
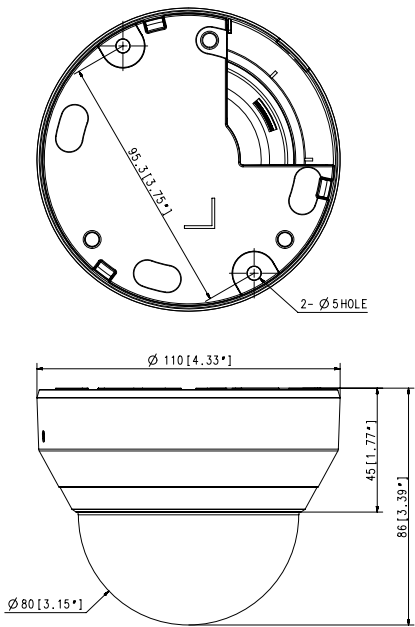
VUE DU PRODUIT

LND-6070R

Unité : mm (pouce)

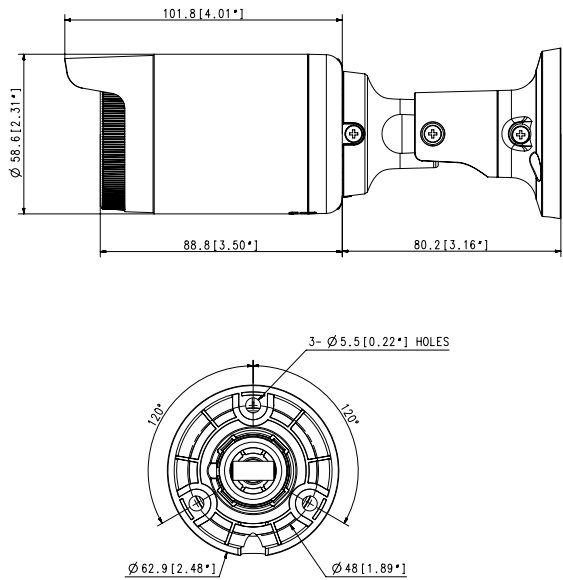
LND-6010R/6020R/6030R

Unité : mm (pouce)



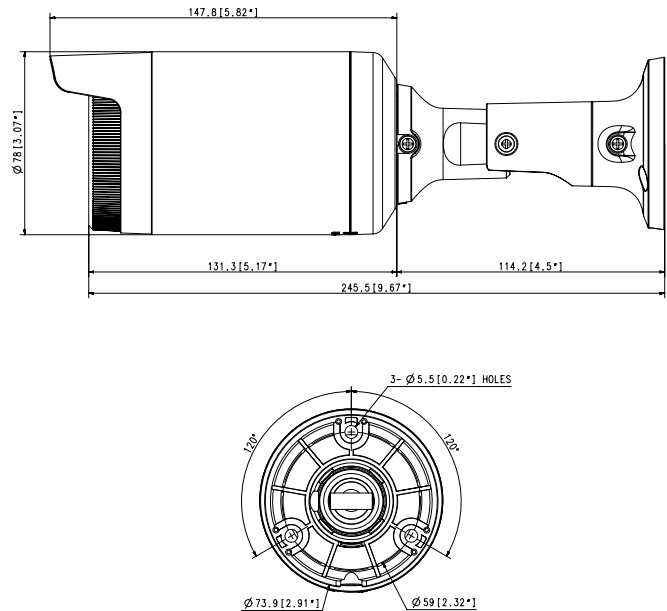
LNO-6010R/6020R/6030R

Unité : mm (pouce)



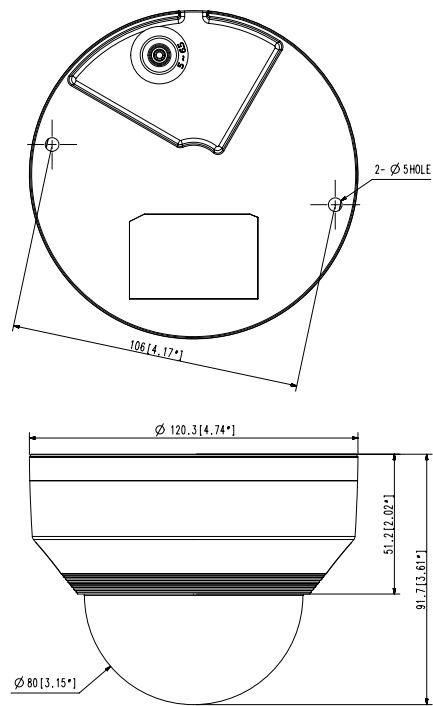
LNO-6070R

Unité : mm (pouce)



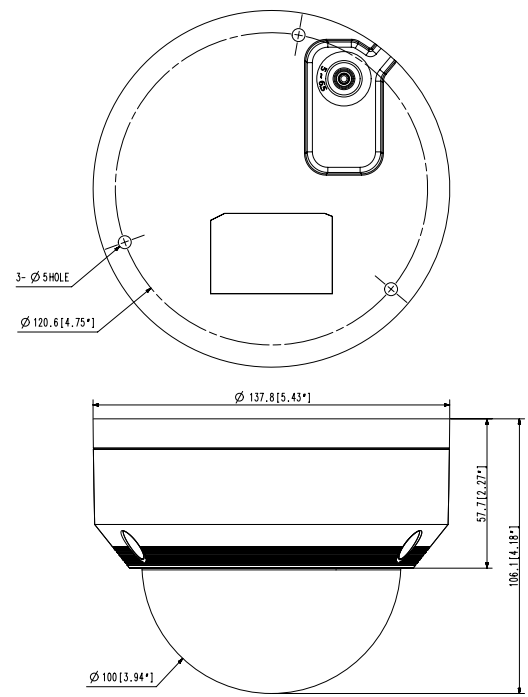
LVN-6010R/6020R/6030R

Unité : mm (pouce)



LVN-6070R

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.	<ul style="list-style-type: none"> Dans la fenêtre d'authentification contextuelle affichée lors de l'accès initial à https, cliquez sur "Afficher certificat d'authentification" et sélectionnez l'option "Toujours faire confiance lors de la connexion à l'adresse IP du visualiseur Web désigné". Si le visualiseur Web ne peut toujours pas lire une vidéo après avoir sélectionné "Suivant" dans la fenêtre de message ci-dessous, appuyez sur la touche de commande + Q pour quitter le navigateur Safari puis recommencez et suivez les procédures indiquées ci-dessus.
Je n'ai pas accès à la caméra à partir d'un navigateur Internet.	<ul style="list-style-type: none"> Vérifier pour s'assurer que les paramètres de réseau de la caméra sont appropriés. Vérifier pour assurer que tous les câbles de réseau ont été correctement connectés. Si elle est connectée en utilisant DHCP, vérifier que la caméra peut acquérir des adresses IP dynamiques sans aucun problème. Si la caméra est connectée à un Routeur large bande, vérifier que le renvoi de port est configuré correctement.
Le visionneur a été déconnecté pendant le suivi.	<ul style="list-style-type: none"> Les visionneurs connectés se déconnectent à tout changement apporté à la caméra ou aux configurations de réseau. Vérifier toutes les connexions de réseau. Si la caméra est connectée par un réseau PPPoE, il est possible que le visionneur se déconnecte en raison de mauvaises conditions de réseau.
Aucune vidéo ne s'affiche lorsque l'utilisateur vient d'accéder au visualiseur Web ou qu'il se connecte directement avec le client.	<ul style="list-style-type: none"> 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 d'installateur IP.	<ul style="list-style-type: none"> Désactiver les paramètres de pare-feu sur votre PC et chercher de nouveau la caméra.
Chevauchement d'images.	<ul style="list-style-type: none"> Vérifier si une ou plusieurs caméras sont configurée à une adresse multidiffusion unique au lieu d'adresses différentes. Si une adresse unique est utilisée pour des caméras multiples, les images peuvent se chevaucher.
Aucune image n'apparaît.	<ul style="list-style-type: none"> Si la méthode de transmission est configurée sur multidiffusion, vérifier s'il y a un routeur qui prend en charge la multidiffusion dans le LAN sur lequel la caméra est connectée.

PROBLÈME	SOLUTION
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> .	<ul style="list-style-type: none"> Vérifiez les réglages selon la séquence suivante : <ul style="list-style-type: none"> A. Vérifiez les réglages <Date et heure>. B. L'option <Détection mvt> doit être réglée sur <Activer>. C. Vérifiez si l'option <E-mail> du menu <Config. évén.> est cochée avant utilisation.
Impossible d'effectuer un enregistrement sur la carte mémoire Micro SD.	<ul style="list-style-type: none"> Vérifiez que la carte mémoire n'est pas défectueuse.
La carte mémoire Micro SD est insérée mais la caméra ne fonctionne pas correctement.	<ul style="list-style-type: none"> Vérifiez si la carte mémoire est insérée dans le bon sens. Le fonctionnement des cartes mémoire formatées sur d'autres appareils n'est pas garanti sur cette caméra. Formatez la carte mémoire à nouveau sous le menu <Configuration> → <Événement> → <Stockage>.

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Component Name	License	URL
Base Kernel	GPL 2.0	
Busybox	GPL 2.0	http://www.busybox.net/downloads/snapshots
iproute2-4.3.0	GPL 2.0	
iptables-1.4.21	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-4.2	GPL 2.0	
mtdd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtdd-utils
mi-diag-2.11	GPL 2.0	
rp-pppoe-3.11	GPL 2.0	http://www.roaringpenguin.com/pppoe/
wpa_supplicant-2.5	GPL 2.0	
bash-4.3.30	GPL 3.0	
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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- Version 1.1

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

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Component Name	License	URL
php-5.2.17	PHP 3.01	http://www.php.net/distributions

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Component Name	License	URL
zlib-1.2.8	zlib / libpng	http://zlib.net/

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



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 Techwin 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 Techwin 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.

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