

WISeNeT

VIDEOCAMERA DI RETE

Manuale utente

PNM-9030V



Videocamera di rete

Manuale utente

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❖ Il progetto e le specifiche sono soggetti a modifiche senza preavviso.

❖ Il nome utente iniziale dell'amministratore è "admin" e la password deve essere impostata quando viene effettuato l'accesso per la prima volta.

Cambiare la propria password ogni tre mesi per proteggere efficacemente le informazioni personali e per evitare danni causati dal furto delle informazioni personali.

Tenere presente che la sicurezza e qualunque problema causato dalla cattiva amministrazione della password, sono responsabilità dell'utente.

ISTRUZIONI DI SICUREZZA IMPORTANTI

1. Leggere queste istruzioni.
2. Conservare queste istruzioni.
3. Rispettare tutti gli avvertimenti.
4. Seguire tutte le istruzioni.
5. Non utilizzare questo apparecchio vicino all'acqua.
6. Pulire l'area contaminata sulla superficie del prodotto con un panno soffice e asciutto o con uno straccio. (Non usare un detergente o prodotti cosmetici contenenti alcol, solventi o tensioattivi o costituenti di olii in quanto potrebbero deformare o danneggiare il prodotto).
7. Non bloccare nessuna apertura di ventilazione. Installare seguendo le istruzioni del fabbricante.
8. Non installare vicino a fonti di calore quali caloriferi, stufe o altri prodotti (compresi gli amplificatori) che possano produrre calore.
9. Non eludere il sistema di sicurezza della spina polarizzata o a terra. Una spina polarizzata è costituita da due spinotti, uno più grande dell'altro. Una spina con presa a terra ha due spinotti e un terzo per la presa a terra. Lo spinotto più grande o il terzo spinotto sono stati previsti per la vostra sicurezza. Se la spina fornita non entra nella presa, mettersi in contatto con l'elettricista per la sostituzione della presa obsoleta.
10. Proteggere il cavo dell'alimentazione per evitare che sia calpestato o schiacciato, facendo particolare attenzione alle spine, alle prese e al punto in cui i cavi escono dell'apparecchio.
11. Utilizzare solo connettori/accessori indicati dal fabbricante.
12. Utilizzare solo carrelli, supporti, treppiedi, staffe o tavoli consigliati dal produttore o venduti assieme all'apparecchio. Qualora si utilizzi un carrello, spostare il gruppo carrello/apparecchio con attenzione per evitare che si ribalti provocando incidenti.
13. Durante forti temporali o se non viene utilizzato per lunghi periodi di tempo, scollegare l'apparecchio dall'alimentazione elettrica.
14. Rivolgersi a personale specializzato per qualsiasi riparazione.
Le riparazioni sono richieste quando l'apparecchio viene in qualche modo danneggiato, ad esempio quando viene danneggiato il cavo di alimentazione o la spina, se è stato versato qualche liquido nell'apparecchio o vi sono caduti degli oggetti o se è stato esposto alla pioggia o all'umidità, se non funziona normalmente o se è caduto.
15. Questo prodotto deve essere alimentato da un'unità di alimentazione di "Classe 2" o "LPS" e con un valore di 12 Vac, 1.57 A o PoE, 0.5 A.
16. Se si applica una pressione eccessiva durante l'installazione del prodotto, la telecamera potrebbe danneggiarsi e funzionare male.
Se il prodotto è installato forzatamente utilizzando prodotti non conformi, il prodotto potrà danneggiarsi.
17. Non installare il prodotto in un luogo in cui sono presenti o potrebbero essere generate sostanze chimiche o miscele d'olio. Poiché gli oli commestibili come l'olio di soia possono danneggiare o deformare il prodotto, non installarlo nella cucina o vicino al tavolo della cucina.
Ciò potrebbe provocare danni al prodotto.
18. Durante l'installazione del prodotto, prestare attenzione a non far macchiare la superficie con la sostanza chimica. Alcuni solventi chimici come detersivi o adesivi potrebbero causare gravi danni alla superficie del prodotto.
19. Se il prodotto viene installato/smontato in una modalità che non è stata raccomandata, le funzioni/performance della produzione potrebbero non essere garantite.
Installare il prodotto facendo riferimento a "Installazione e collegamento" nel manuale utente.
20. L'installazione o l'utilizzo del prodotto in acqua può causare gravi danni allo stesso.



AVVERTENZA

PER RIDURRE IL RISCHIO DI INCENDIO O DI SCOSSA ELETTRICA, NON ESPORRE L'APPARECCHIO A PIOGGIA O A UMIDITÀ. NON INSERIRE OGGETTI METALLICI ATTRAVERSO LE GRIGLIE DI VENTILAZIONE O ALTRE APERTURE DELL'APPARECCHIATURA.

Non schizzare o sgocciolare liquidi sull'apparecchio e non porre su di esso oggetti contenenti liquidi, come ad esempio vasi di fiori.

Per evitare lesioni personali, questo apparecchio deve essere fissato saldamente a una parete/al soffitto seguendo le istruzioni per l'installazione.

ATTENZIONE

	ATTENZIONE RISCHIO DISCOSSA ELETTRICA NON APRIRE	
ATTENZIONE : PER RIDURRE I RISCHI DI SCOSSA ELETTRICA. NON RIMUOVERE IL COPERCHIO (O IL PANNELLO POSTERIORE). ALL'INTERNO NON VI SONO PARTI CHE L'UTENTE POSSA RIPARARE. RIVOLGERSI A PERSONALE QUALIFICATO.		

SPIEGAZIONE DEI SIMBOLI GRAFICI



Il simbolo del fulmine con la freccia all'interno del triangolo avverte l'utente della presenza di una "tensione pericolosa" all'interno del prodotto, che può essere di intensità sufficiente per costituire un rischio di scossa elettrica alle persone.



Il simbolo del punto esclamativo all'interno del triangolo avverte l'utente della presenza di importanti istruzioni di funzionamento e manutenzione nella documentazione che accompagna il prodotto.

Prodotto di classe I

Un apparecchio di classe I viene connesso alla presa di RETE con una connessione di messa a terra di sicurezza.

Batteria

Le batterie(pacco batterie o batterie installate) non devono essere esposte a eccessivo calore, come luce del sole, fuoco o simili.

Scollegamento del dispositivo

Scollegare la spina di alimentazione dall'apparecchio, se difettoso. Quindi contattare il centro di assistenza più vicino.

Se l'apparecchio viene utilizzato al di fuori degli Stati Uniti, servirsi di cavi con codice HAR di un produttore riconosciuto.

ATTENZIONE

Rischio di esplosione se la batteria è sostituita con una batteria di tipo non corretto. Smaltire le batterie usate attenendosi alle istruzioni.

Queste istruzioni di manutenzione devono essere utilizzate esclusivamente da personale di assistenza qualificato.

Per ridurre il rischio di scosse elettriche non eseguire interventi di manutenzione diversi da quelli indicati nelle istruzioni per l'uso a meno di essere in possesso della qualifica adatta a tale scopo.

Utilizzare l'alimentazione in ingresso con una sola telecamera; gli altri dispositivi non devono essere collegati.

L'apparecchiatura informatica (ITE) deve essere collegata solo a reti PoE+ senza instradamento all'impianto esterno.

Leggere attentamente le seguenti precauzioni di sicurezza raccomandate.

- Non collocare l'apparecchio su superfici irregolari.
- Non installare su superfici esposte alla luce diretta del sole, vicino a fonti di calore o a zone di freddo intenso.
- Non collocare l'apparecchio vicino a materiali conduttivi.
- Non tentare di effettuare personalmente interventi di assistenza sull'apparecchio.
- Non collocare bicchieri d'acqua sul prodotto.
- Non installare vicino a sorgenti magnetiche.
- Non ostruire le aperture per la ventilazione.
- Non appoggiare oggetti pesanti sul prodotto.
- Usare guanti protettivi quando si installa o rimuove la telecamera.
L'elevata temperatura della superficie del dispositivo potrebbe causare ustioni.

Il manuale utente è una guida all'uso dei prodotti.

I simboli utilizzati nel manuale hanno i seguenti significati.

- Riferimento : Fornisce informazioni sull'uso del prodotto
- Avvertenza : Se vi è la possibilità di danni a persone o oggetti provocati dalla mancata osservanza delle istruzioni

✖ Per ragioni di sicurezza, leggere questo manuale prima di utilizzare il prodotto e conservarlo in un luogo sicuro.

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SPECIFICHE PC CONSIGLIATE

- CPU : Intel(R) Core(TM) i7 3.4 GHz o superiore
- Sistema operativo supportato : MS Windows, Mac OS X
- Browser web supportati : Google Chrome, MS Edge, Mozilla Firefox(solo Windows 64bit), Apple Safari (Supportati soltanto in Mac OS X)

※ Consultare l'appendice per informazioni dettagliate sul sistema operativo e browser verificati.
Alcune funzioni potrebbero essere limitate anche nei browser supportati.

SPECIFICHE RACCOMANDATE PER LA SCHEDA DI MEMORIA MICRO SD/SDHC/SDXC

- Spazio consigliabile : Da 16GB a 256GB (Tipo MLC)
- Per questa telecamera si raccomandano i seguenti tipi di memory card dei seguenti fabbricanti.
 - Fabbricante : SanDisk, Transcend
 - Famiglia del prodotto : Elevata durata
- Per salvare un video in risoluzione 15M, si suggerisce di usare una scheda di memoria classe uhs-3 (tipo MLC) con uno spazio disponibile di 16GB o superiore.

SPECIFICHE NAS CONSIGLIABILI

- Spazio consigliabile : È consigliabile disporre di uno spazio di 200GB o superiore.
- Accesso simultaneo : Una singola unità NAS è in grado di accettare fino ad un massimo di sedici telecamere in entrata.
- Per questa telecamera, si consiglia di utilizzare una NAS con le seguenti specifiche tecniche del fornitore.

Prodotti raccomandati	Dimensioni disponibili
QNAP/SYNOLOGY/HP/DELL	Supporta fino ad un massimo di 16 telecamere in entrata simultaneamente.

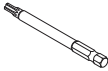


- Se si utilizza un'apparecchiatura NAS per uno scopo diverso dal salvataggio di video, il numero di telecamere in entrata supportate potrebbe variare.

ACCESSORI FORNITI

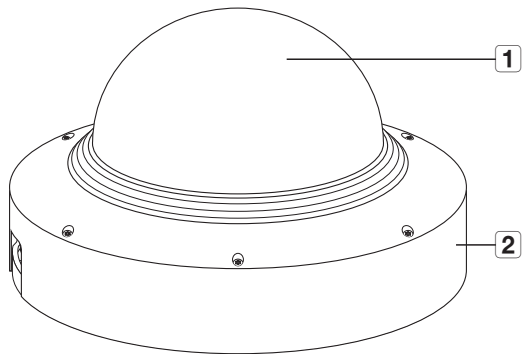
Verificare che nella confezione siano contenuti la videocamera e tutti gli accessori.
(In base al Paese di residenza, gli accessori potrebbero variare.)

Aspetto	Articolo	Quantità	Descrizione
	Videocamera	1	
	Manuale di istruzioni, CD del software Installer	1	
	Guida Rapida (opzionale)	1	
	Certificato di garanzia (opzionale)	1	
	Accensione morsetti	1	Spina di alimentazione connessa
	Sagoma	1	Guida all'installazione del prodotto
	Cavo di alimentazione	1	Utilizzato per collegare l'entrata della corrente
	Cavo Audio/allarme	1	Utilizzato per collegare le entrate audio e per l'allarme
	Fermacavo	1	Utilizzato per collegare il cavo della LAN con un diametro pari a Ø7~8.5.
		1	Utilizzato per collegare il cavo della LAN con un diametro pari a Ø5~6.5.

Aspetto	Articolo	Quantità	Descrizione
	Chiave a L	1	Usato per rimuovere e sostituire il coperchio del dome
	Vite autofilettante	4	Per montaggio a parete o a soffitto
	Tassello in plastica	4	Per fissare una vite, inserito in un foro (tassello rinforzato)
	Viti macchina	4	Utilizzate per assemblare la scatola della cupola per installare il prodotto su tubo, a parete o a copertura di un foro.
	Installatore cappuccio	1	Utilizzato per collegare il cavo RJ45
	Questo tipo di scheda assorbe l'umidità	1	Attaccato al momento dell'installazione.
	Punta da trapano	1	Utilizzata per lo smontaggio del coperchio dome, il montaggio e l'installazione della telecamera.

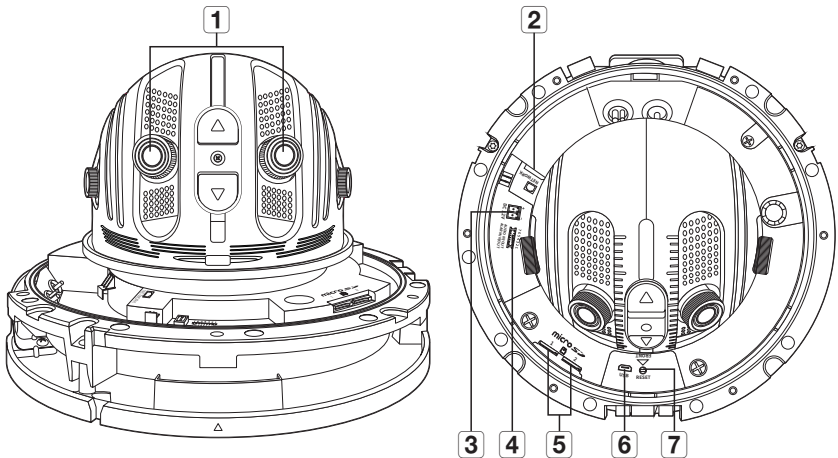
SGUARDO D'INSIEME

Aspetto



Voce	Descrizione
1 Coperchio per la sommità	Coperchio utilizzato per proteggere l'obiettivo e l'unità principale.
2 Porta di alimentazione	Utilizzata per collegare il cavo di alimentazione.

Componenti



Voce	Descrizione
1 Obiettivo	4 obiettivi della telecamera creano un'immagine panoramica.
2 Porta Rete	Un terminale che si collega a PoE+ o LAN tramite il cavo RJ-45.
3 Porta di alimentazione	Ingresso per il blocco del terminale di alimentazione.
4 Ingresso per il cavo dell'audio e di allarme	Inserire il cavo per l'audio e per l'allarme in questo ingresso per collegarsi ad un allarme/dispositivo/microfono/altoparlante esterno.
5 Alloggiamento scheda di memoria Micro SD	Alloggiamento per la scheda di memoria Micro SD.
6 Porta MICRO USB	Porta per connettere il dongle WiFi. Il video di installazione può essere verificato attraverso le applicazioni installate nello smartphone. Fare riferimento alla "Connessione al dongle WiFi" a pagina 16. ■ Il dongle WiFi e l'adattatore OTG sono venduti separatamente.
7 Tasto Reset	Il pulsante ripristina tutte le impostazioni della videocamera all'impostazione predefinita. Tenere premuto per circa 5 secondi per riavviare il sistema. ■ Se si resetta la videocamera, le impostazioni di rete vengono regolate in modo da poter abilitare il DHCP. Se non esiste un server DHCP nella rete, eseguire il programma IP Installer per cambiare le impostazioni di rete di base come l'indirizzo IP, la subnet mask, il gateway, ecc., prima di collegarsi alla rete.

INSTALLAZIONE



- La presente telecamera è impermeabile e conforme alla classe di protezione IP66, ma la presa collegata al cavo esterno non lo è. Si consiglia di installare il prodotto sotto il bordo delle grondaie per evitare che il cavo risulti esposto esternamente.

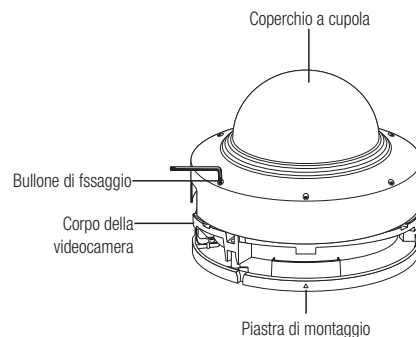
Precauzioni prima dell'installazione

Prima di installare la videocamera, assicurarsi di aver letto le seguenti istruzioni:

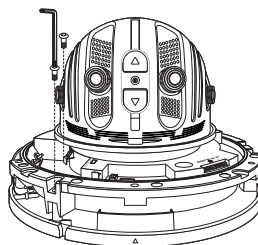
- Selezionare un sito per l'installazione che sia in grado di supportare almeno 5 volte il peso della telecamera.
- I cavi bloccati o spelati possono danneggiare il prodotto o provocare incendi.
- Per motivi di sicurezza, allontanare tutte le persone dal luogo di installazione. E, se necessario, disporre le proprie cose lontano dal sito.
- Se il prodotto viene installato con una forza eccessiva, potrebbe causare danni alla telecamera a causa di un malfunzionamento. Forzare l'assemblaggio utilizzando strumenti non conformi potrebbe danneggiare il prodotto.

Smontaggio

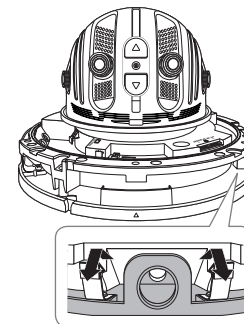
1. Rimuovere il coperchio dome allentando il bullone di fissaggio. Ciò può essere effettuato girando in senso antiorario utilizzando una chiave Allen o il perno di centraggio in dotazione.



2. Allentare la vite di dissaggio del corpo della telecamera.

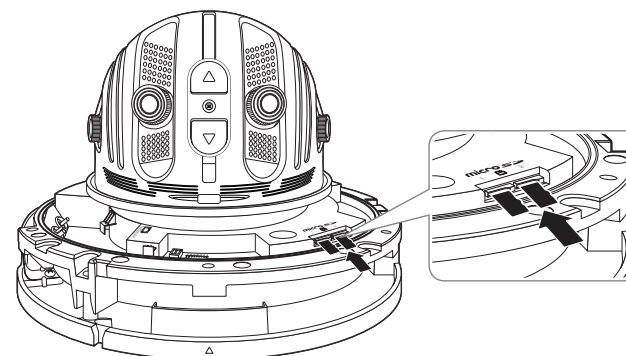


3. Rimuovere il corpo della telecamera e la piastra di montaggio tirando la molla della piastra, come mostrato in figura.



Inserimento di una scheda di memoria Micro SD

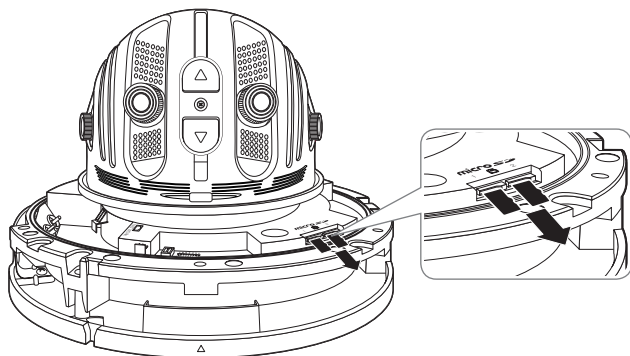
1. Rimuovere il coperchio dome della telecamera.
2. Inserire la scheda Micro SD nel verso della freccia raffigurata nell'immagine.



- Scollegare il cavo di alimentazione dalla videocamera prima di inserire la scheda di memoria Micro SD.
- Non inserirlo forzando nella direzione opposta. Potrebbe danneggiare la scheda di memoria Micro SD e il prodotto.
- Quando piove e si ha un alto livello di umidità, non è consigliabile inserire o estrarre una scheda Micro SD.
- Lo smontaggio del coperchio del prodotto deve completarsi entro 5 minuti, altrimenti si potrebbe causare la condensazione interna.
- Quando si installa/rimuove la scheda di memoria Micro SD, accertarsi di collocare il corpo del prodotto su una superficie piana prima di lavorarci per evitare incidenti dovuti alla perdita o alla caduta di componenti.

Rimozione di una scheda di memoria Micro SD

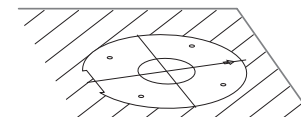
Premere delicatamente sulla fine esposta della scheda di memoria come mostrato nel diagramma per espellere la scheda di memoria dallo slot.



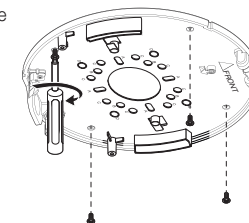
- È necessario utilizzare una scheda SD diversa per il salvataggio di ciascun canale.
- Si noti che se si spinge e si rilascia con decisione la scheda di memoria Micro SD quando viene espulsa, la stessa potrebbe fuoriuscire.
- Prima di rimuovere la scheda di memoria micro SD, andare a <Memorizz.>, e impostare il dispositivo su <Off> quindi premere il tasto **[Applica]** e spegnere la telecamera.
- Se si spegne la telecamera o si rimuove la scheda di memoria Micro SD che contiene i dati del prodotto, i dati potrebbero andare persi o danneggiati.

Installazione a soffitto o parete

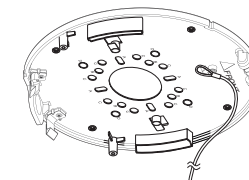
1. Utilizzare il modello in dotazione per realizzare i fori per l'installazione (diametro 6 mm e profondità minima 45 mm) e inserire gli ancoraggi in plastica forniti all'estremità.



2. Allineare i fori della piastra di supporto dell'installazione con i fori dove sono inserite ancoraggi in plastica, e serrare le viti autofilettanti.



3. Collegare il cavo di sicurezza.

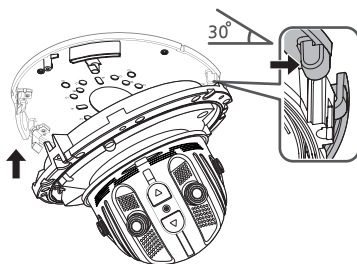


4. Montare il corpo della telecamera sulla piastra di supporto.
- Montarlo adattandolo alle cerniere come indicato nell'immagine.

5. Collegare il terminale interno della telecamera con il cavo necessario.

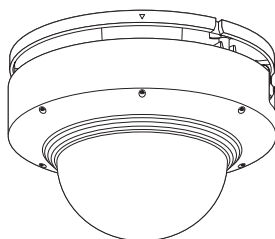
6. Premere la molla a perno.

7. Regolare l'obiettivo secondo la direzione desiderata, facendo riferimento a "**Regolazione della direzione di monitoraggio della videocamera**". (Pagina 15)
- Se viene inclinato l'obiettivo, potrebbe essere necessario aggiustarlo, in quanto ciò potrebbe bloccare lo schermo.



8. Montare il coperchio dome.

- Allineare le frecce durante il montaggio del coperchio dome.
- Per assicurarsi che non vi siano problemi di impermeabilizzazione, serrare i bulloni di fissaggio utilizzando una chiave di Allen o un perno di centraggio.
- Rimuovere la protezione in vinile fissata all'interno/esterno della copertura della dome.



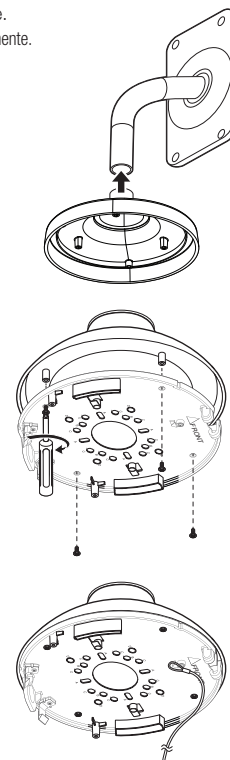
Collegamento all'adattatore non compreso nella confezione

Scegliere e acquistare una delle seguenti opzioni necessarie (non comprese nel pacchetto) a seconda delle possibilità del sito di installazione o a seconda dell'utilità.

1. Installare il supporto per la sospensione all'adattatore del supporto a parete.
- Gli adattatori per supporto a parete e i supporti per la sospensione sono venduti separatamente.

2. Collegare la piastra di montaggio e il supporto sospeso.

3. Collegare il cavo di sicurezza.

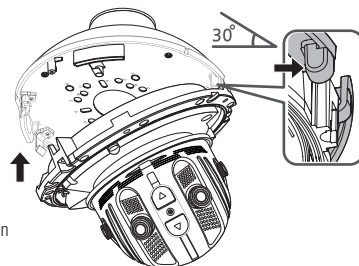


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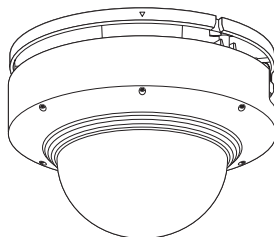
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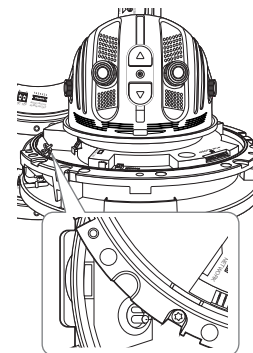


Metodo 1. Connessione del cavo di alimentazione e del cavo LAN impermeabile

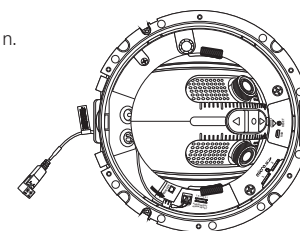
1. Rimuovere il coperchio a cupola e la scatola.
2. Estrarre la parte lunga della spina di gomma integrata che si trova nella parte inferiore e rimuoverla come mostrato dalla figura.



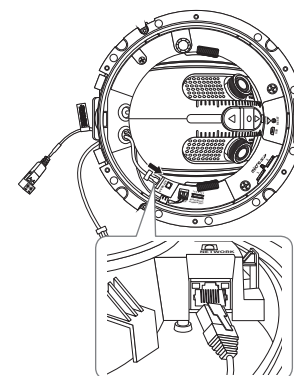
- Utilizzare un fermacavo appropriato per collegare il cavo della LAN.
 - Telecamera standard: Utilizzare un cavo con un diametro pari a Ø5~6.5.
 - Componenti forniti: Utilizzare un cavo con un diametro pari a Ø7~8.5.



3. Inserire il cavo di alimentazione nel piccolo foro creato dalla rimozione della parte della spina di gomma integrata nel passaggio n. 2 mostrato sopra e riporre il cavo nella lunga scanalatura.
4. Collegare il cavo di alimentazione al blocco del terminale dell'alimentazione.

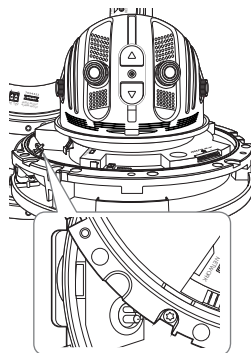


5. Inserire il cavo LAN nel foro creato dalla rimozione della parte della spina di gomma integrata nel passaggio n. 2 mostrato sopra.
6. Rimuovere la guaina con un tranciavivi, poi allineare i cavi.
7. Collegare il cavo LAN con il connettore della LAN e inserirlo nello strumento della LAN.
8. Collegare il cavo finale alla porta Ethernet.

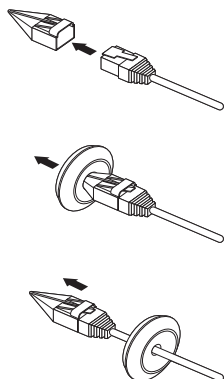


Metodo 2. Connessione del cavo di alimentazione e del cavo LAN impermeabile

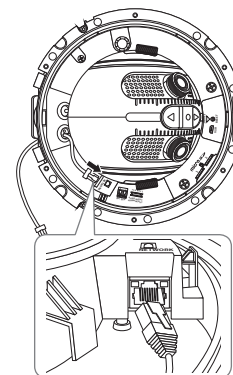
1. Rimuovere il coperchio a cupola e la scatola.
2. Estrarre la parte lunga della spina di gomma integrata che si trova nella parte inferiore e rimuoverla come mostrato dalla figura.
3. Tirare il coperchio di gomma su foro per rimuoverlo.



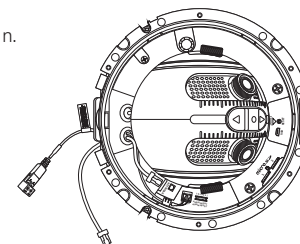
4. Usare l'installatore del tappo per permettere al cavo RJ45 di passare correttamente.



5. Inserire nuovamente lo stoppino in comma e collegare il cavo LAN al terminale Ethernet.

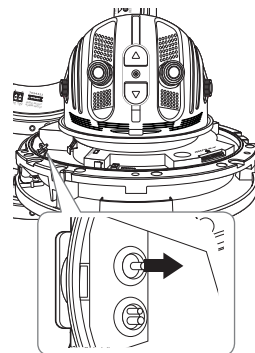


6. Inserire il cavo di alimentazione nel piccolo foro creato dalla rimozione della parte della spina di gomma integrata nel passaggio n. 2 mostrato sopra e riporre il cavo nella lunga scanalatura.
7. Collegare il cavo di alimentazione al blocco del terminale dell'alimentazione.

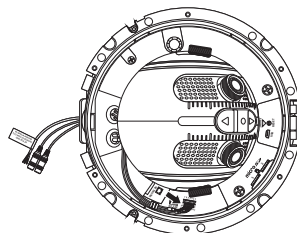


Collegamento in corso del cavo audio/allarme

1. Rimuovere il coperchio a cupola e la scatola.
2. Estrarre la spina di gomma che si trova nella parte inferiore, come mostrato dalla figura.



3. Inserire il cavo di allarme nel foro creato dalla rimozione della spina di gomma nel passaggio 2 e collegare il cavo con il terminale di allarme PCB.
4. Allineare il cavo di modo che non sia danneggiato o affinché non si inceppi durante il processo di installazione della telecamera.
5. Posizionare la spina di gomma del cavo audio/allarme nel foro.
6. Regolare l'obiettivo nella direzione desiderata facendo riferimento alla sezione **"Regolazione della direzione di monitoraggio della videocamera"**. (pagina 15)
7. Chiudere il coperchio a cupola.



Installazione di un adattatore di montaggio opzionale

Scegliere e acquistare una delle seguenti opzioni necessarie (non comprese nel pacchetto) a seconda delle possibilità del sito di installazione o a seconda dell'utilità.

1. Rimuovere il coperchio a cupola dalla scatola, facendo riferimento alla sezione **"Disimballaggio"**. (pagina 9)
2. Fissare il coperchio della telecamera all'adattatore di montaggio opzionale usando le viti fornite insieme alla telecamera.
3. Posare e allacciare i cavi per impedire che vengano danneggiati o che rimangano impigliati durante il montaggio della videocamera.
4. Installare il corpo della videocamera nell'ordine inverso allo **"Smontaggio"**.
5. Regolare l'obiettivo nella direzione desiderata facendo riferimento alla sezione **"Regolazione della direzione di monitoraggio della videocamera"**. (pagina 15)
6. Chiudere il coperchio a cupola.
 - Per assicurarsi che non vi siano problemi di impermeabilizzazione, serrare i bulloni di fissaggio utilizzando una chiave di Allen o un perno di centraggio.

Installazione all'esterno

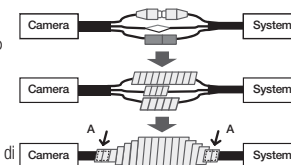
Quando si installa il prodotto all'esterno dell'edificio, impermeabilizzarlo con nastro impermeabilizzante in gomma butilica (acquistabile nei negozi), in modo da evitare perdite d'acqua dallo spazio del cavo collegato all'esterno.

1. Collegare i cavi di alimentazione, I/O e LAN.
2. Avvolgere la guaina del cavo nero (Area A) e l'area di collegamento del cavo con nastro impermeabilizzante (in gomma butilica), in modo da sovrapporre più di metà del nastro in gomma butilica.



- Se la guaina del cavo non è impermeabilizzata correttamente, può causare direttamente perdite. Accertarsi di proteggere il cavo con uno strato spesso di nastro.

- Il nastro butilico impermeabilizzante è in gomma butilica ed è in grado di allungarsi al doppio della lunghezza normale.

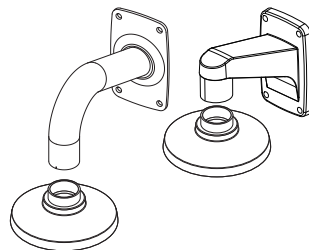


Accessori opzionali per l'installazione

Per un'installazione più semplice, è possibile acquistare i giusti accessori opzionali disponibili.

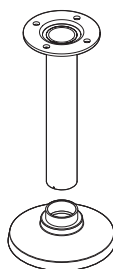
1. ADATTATORE PER MONTAGGIO A PARETE (SBP-300WM o SBP-300WM1)/ADATTATORE PER MONTAGGIO SOSPESO (SBP-276HM)

Si tratta di un adattatore di montaggio usato per installare la telecamera Dome al muro.



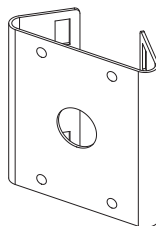
2. ADATTATORE PER MONTAGGIO A SOFFITTO (SBP-300CM)/ADATTATORE PER MONTAGGIO SOSPESO (SBP-276HM)

Si tratta di un adattatore di montaggio usato per installare la telecamera Dome al soffitto di cemento.



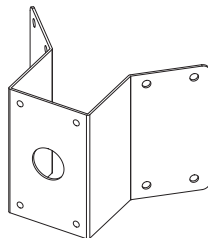
3. ADATTATORE PER MONTAGGIO SU PALO (SBP-300PM)

Si tratta di un adattatore di montaggio usato per installare un adattatore di montaggio a muro (SBP-300WM or SBP-300WM1) su una colonna con un diametro di 80mm o superiore.

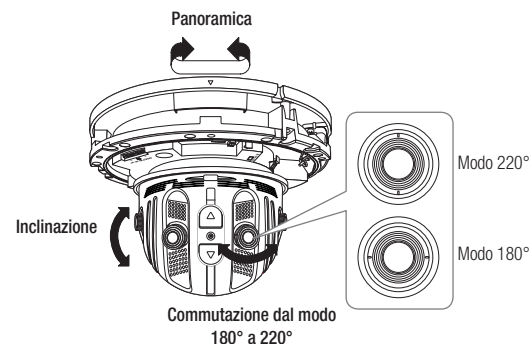


4. ADATTATORE PER MONTAGGIO ANGOLARE (SBP-300KM)

Si tratta di un adattatore di montaggio usato per installare un adattatore di montaggio a muro (SBP-300WM or SBP-300WM1) sull'angolo di una parete.



Regolazione della direzione di monitoraggio della videocamera



■ Regolazione della direzione di monitoraggio

È possibile regolare la direzione della videocamera solo quando la videocamera è fissata al soffitto. A questo punto, la rotazione dell'unità principale della telecamera verso sinistra o verso destra viene chiamata PAN, e la regolazione dell'angolo della telecamera viene chiamata INCLINAZIONE.

- La panoramica ha un campo effettivo totale di 355 gradi.
- L'inclinazione ha un campo effettivo totale di 60 gradi.

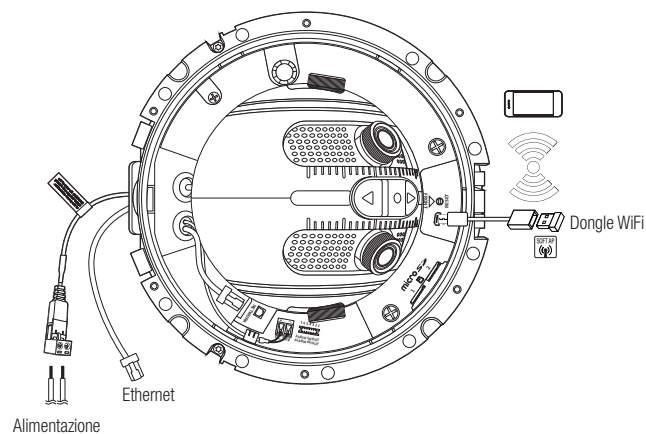


- L'immagine del filmato potrebbe essere coperta dalla custodia della telecamera, a seconda dell'angolo.

■ Metodi di regolazione

1. Dopo aver installato la telecamera a seconda della direzione da monitorare, regolare l'angolo di panoramica.
2. Regolare l'angolo di inclinazione in modo la videocamera sia rivolta verso l'oggetto da monitorare.
3. Ruotare l'obiettivo per modificare il modo 180°/modo 220°.

COLLEGAMENTO CON ALTRI DISPOSITIVI



Il terminale Micro USB di uscita del prodotto viene fornito per un'installazione più facile. L'utilizzo non è raccomandabile per scopi di monitoraggio.

Collegamento Ethernet

Collegare il cavo Ethernet alla rete locale o a Internet.

Connessione WiFi

Configurazione telecamera

- 1. Connettere l'adattatore OTG e il dongle WiFi al terminal micro USB.

Configurazione smartphone

- 1. Installare l'applicazione Installazione Wisenet.
- 2. Selezionare il SSID della telecamera dopo aver acceso il WiFi.
- 3. Eseguire l'applicazione Installazione Wisenet.
- 4. Durante il log in alla telecamera, il video sarà connesso
 - Il video sarà riprodotto senza log in durante la connessione iniziale.
- 5. L'angolo della telecamera può essere regolato mentre si guarda il video dallo smartphone.

Fabbricante raccomandato del dongle

Fabbricante	Modello
NETIS	WF2123 n300
EDIMAX	EW-7811Un
IP Time	N100mini
TP-LINK	TL-WN823N V1
ASUS	USB-N13
NETGEAR	WNA3100M

Alimentazione

Utilizzare un cacciavite per collegare ciascun terminale (+, -) del cavo di alimentazione alla relativa porta della videocamera.

- Se si applicano contemporaneamente un'alimentazione PoE+ e 12 V CC, il prodotto la riceve da 12 V CC.
 - Si può anche utilizzare un router PoE+ per alimentare la telecamera.
 - Utilizzare un'alimentazione PoE+ conforme ai protocolli IEEE 802.3at.
 - È consigliabile scegliere una sola sorgente di alimentazione tra PoE+ e 12 V CC.
- Fare attenzione a non invertire la polarità quando si collega il cavo di alimentazione.
- Se si intende collegare un dispositivo esterno, questo deve essere spento prima di procedere.

Specifiche cavo d'alimentazione

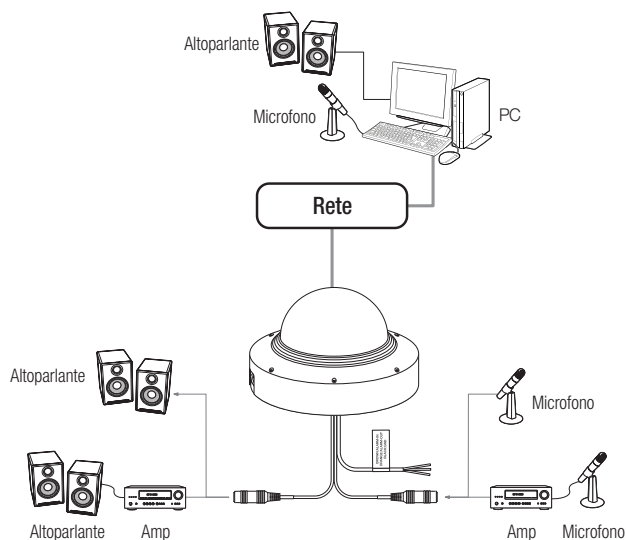
In caso di alimentazione DC 12V:

Tipo di cavo (AWG)	#22	#20	#18
Lunghezza del cavo (Max.)	24m	38m	60m

Caratteristiche tecniche del cavo di rete

Unità	Contenuti	Osservazione
Connettore	RJ45 (10/100/1000BASE-T)	
Ethernet	10/100/1000BASE-T	Per il funzionamento del modello 1000BASE-T, è necessario usare un cavo UTP-6 o superiore per il Giga Hub.
Cavo	Categoria UTP 6	
Distanza massima	100M	Resistenza DC ≤ 0.188 Ω/m
Supporto PoE+	IEEE 802.3at	

Collegare all'ingresso/uscita audio



1. Collegare la porta AUDIO IN della telecamera al microfono o alla porta LINE OUT dell'amplificatore a cui è collegato il microfono.
2. Collegare la porta AUDIO OUT della telecamera al diffusore o alla porta LINE IN dell'amplificatore a cui il diffusore è collegato.
3. Controllare le specifiche per l'ingresso audio.

• Audio Codec

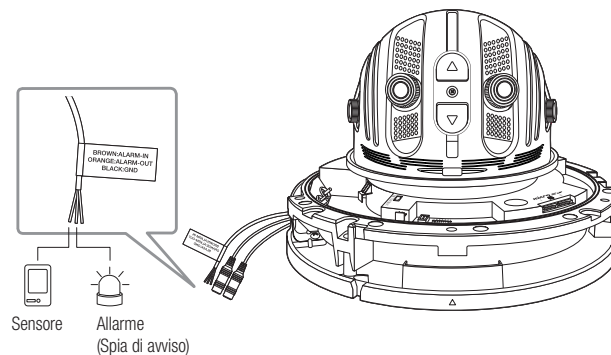
- Ingresso audio : G.711 PCM (Bit rate: 64 kbps / Frequenza di campionamento: 8 kHz), G.726 ADPCM (Bit rate: 16 Kbps, 24 Kbps, 32 Kbps, 40 Kbps / Frequenza di campionamento: 8kHz), AAC (Bit Rate: 48Kbps / Frequenza di campionamento: 16kHz)

• Audio duplex

- **Audio in** : Selezionabile (microfono/Linea in entrata), tensione supportata: 2.5VDC (4mA), impedenza in entrata: 2K Ohm
- **Audio out** : Linea in uscita (3.5mm Mono jack), Livello uscita max: 1Vms
- **Impedenza linea di uscita** : 600Ω

Collegamento alla porta I/O

Collegare il cavo di allarme I/O alla porta corrispondente della scatola d'ingresso.



- **ALARM-IN** : Usato per collegare il sensore di ingresso allarme.
- **ALARM-OUT** : È utilizzata per collegare il segnale di uscita allarme.
- **GND** : Porta comune per il segnale di allarme in entrata/uscita.

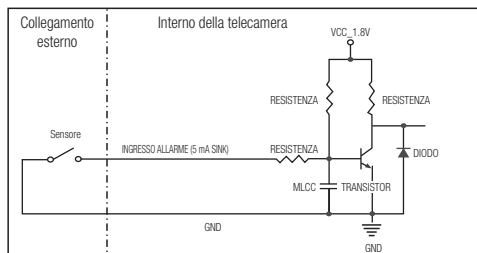


- Se si collegano dispositivi che superano la tensione e la corrente specificate (es. luce lampeggiante e sirena) mediante il metodo a collettore aperto, potrebbero verificarsi malfunzionamenti. Fare riferimento al **"Schema di collegamento dell'uscita allarme"** quando si collegano dispositivi che superano il voltaggio e le attuali caratteristiche tecniche. (pagina 18)

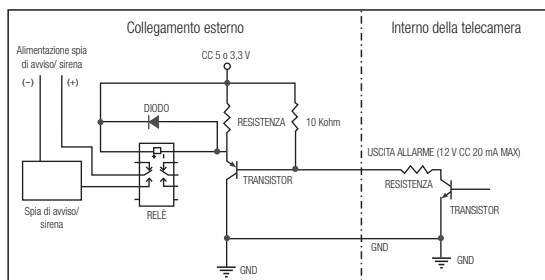
Collegamento del sensore esterno

Collegare un trefolo di ogni linea di segnale (2 trefoli) dei sensori alla porta [ALARM IN] e l'altro trefolo alla porta [GND].

Schema di collegamento dell'ingresso allarme



Schema di collegamento dell'uscita allarme

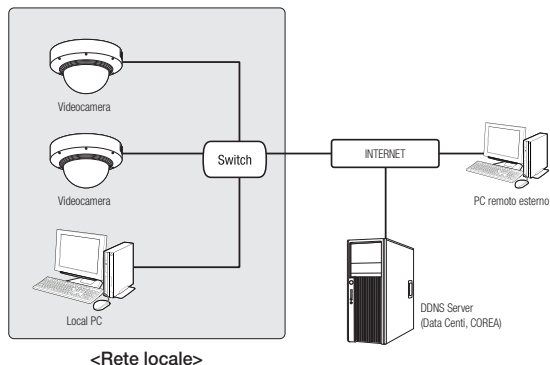


E' possibile impostare le impostazioni di rete secondo le configurazioni di rete.

COLEGARE LA VIDEOCAMERA DIRETTAMENTE ALL'AREA LOCALE DELLA RETE

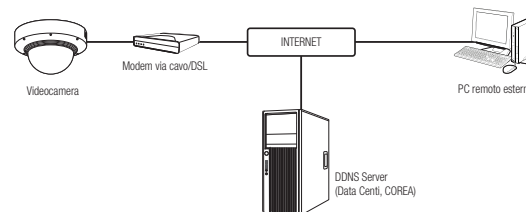
Collegare la videocamera da un PC locale nella LAN

1. Lanciare un browser internet sul PC locale.
2. Inserire un indirizzo IP della fotocamera nella barra dell'indirizzo del browser.



- Un PC remoto in un internet esterno fuori dalla rete LAN può non essere in grado di collegarsi alla fotocamera installata nell'intranet se l'inoltro della porta non è correttamente impostato o c'è un firewall. In questo caso, per risolvere il problema, contattare l'amministratore di rete.
- Nell'installatore del IP, è possibile usare la password predefinita "**4321**" per impostare l'indirizzo IP, la Subnet Mask, la Gateway, la porta HTTP, la porta VNP e il tipo di IP. Dopo aver cambiato l'interfaccia della rete, per assicurare una migliore sicurezza, accedere al visualizzatore del web e cambiare la password.
- Per impostazione predefinita, l'indirizzo IP viene assegnato automaticamente dal server DHCP. In assenza di un server DHCP disponibile, l'indirizzo IP è impostato su 192.168.1.100. Per cambiare l'indirizzo IP, utilizzare IP Installer. Per ulteriori dettagli sull'uso di IP Installer, vedere "**Impostazione dell'IP statico**". (Pagina 20)

COLLEGAMENTO DELLA VIDEOCAMERA DIRETTAMENTE AD UN MODEM VIA CAVO/DSL DHCP

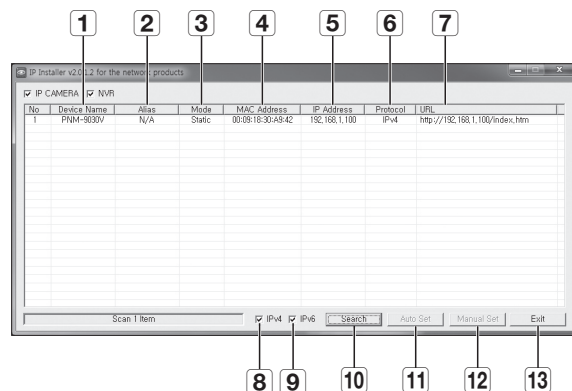


1. Collegare il PC utente direttamente alla rete della telecamera.
2. Eseguire il programma IP Installer e modificare l'indirizzo IP della videocamera in modo da poter utilizzare il browser Web sul desktop per collegarsi a Internet.
3. Utilizzare il browser Internet per collegarsi al visualizzatore Web.
4. Passare alla pagina **[Configurazione]**.
5. Passare a **[Rete] – [DDNS]** e configurare le impostazioni DDNS.
6. Andare a **[Basic] – [IP & Porta]**, e impostare il tipo di IP su **[DHCP]**.
7. Collegare la videocamera rimossa dal PC direttamente al modem.
8. Riavviare la videocamera.



- Per informazioni su come impostare il DDNS fare riferimento alla guida online di Web Viewer.
- Per informazioni su come impostare il formato IP fare riferimento alla guida online di Web Viewer.

TASTI UTILIZZATI IN IP INSTALLER



Voce	Descrizione
1 Device Name	Nome del modello della videocamera collegata. Fare clic sulla colonna per ordinare l'elenco in base al nome del modello. Tuttavia, facendo clic durante la ricerca, questa viene arrestata.
2 Alias	Al momento questa funzione non è implementata.
3 Mode	Visualizza <Static> o <Dynamic> per l'attuale stato di connessione alla rete.
4 MAC(Ethernet) Address	Indirizzo Ethernet della videocamera collegata. Fare clic sulla colonna per ordinare l'elenco in base all'indirizzo Ethernet. Tuttavia, facendo clic durante la ricerca, questa viene arrestata.
5 IP Address	Indirizzo IP. Fare clic sulla colonna per ordinare l'elenco in base all'indirizzo IP. Tuttavia, facendo clic durante la ricerca, questa viene arrestata.
6 Protocol	Impostazione di rete della videocamera. L'impostazione predefinita è "IPv4". Le videocamere impostate su IPv6 verranno visualizzate come "IPv6".
7 URL	Indirizzo URL DDNS che consente l'accesso da una rete esterna. Questo tuttavia viene sostituito con l'<IP Address> della videocamera se la registrazione DDNS non è riuscita.
8 IPv4	Ricerca le videocamere impostate su IPv4.

Voce	Descrizione
9 IPv6	Ricerca le videocamere impostate su IPv6. Si attiva esclusivamente in un ambiente compatibile con IPv6.
10 Search	Ricerca le videocamere al momento collegate alla rete. Tuttavia questo tasto viene disattivato se non sono selezionati né IPv4 né IPv6.
11 Auto Set	IP Installer configura automaticamente le impostazioni di rete.
12 Manual Set	Le impostazioni di rete devono essere configurate manualmente.
13 Exit	Chiude il programma IP Installer.

- Per l'IP installer, utilizzare esclusivamente la versione del programma di installazione fornita nel CD di installazione oppure utilizzare l'ultima, se disponibile. È possibile scaricare l'ultima versione dal sito Web Hanwha Techwin.
- Se il Sistema Operativo supportato è Windows 8.1, si raccomanda di utilizzare Wisenet Device Manager al posto dell'IP Wisenet. Il programma Wisenet Device Manager può essere scaricato visitando il sito web Hanwha Techwin (<http://www.hanwha-security.com>) sotto il menu <Manuale Tecnico> - <Strumento Online>.

IMPOSTAZIONE DELL'IP STATICO

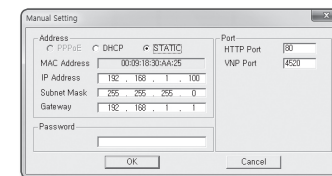
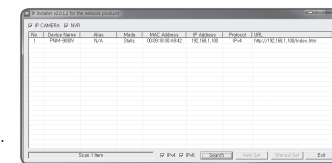
Configurazione manuale della rete

Eseguire <IP Installer_v2.XX.exe> per visualizzare l'elenco di ricerca delle videocamere.
Al primo avvio sia [Auto Set] che [Manual Set] sono disattivati.

- Nelle videocamere trovate con impostazione IPv6, questi tasti sono disabilitati dato che le videocamere non supportano questa funzione.

- Selezionare una videocamera dell'elenco di ricerca.
Controllare l'indirizzo MAC della videocamera sull'etichetta della videocamera.
I tasti [Auto Set] e [Manual Set] sono entrambi attivati.
- Fare clic su [Manual Set].
Viene visualizzata la finestra di dialogo Impostazione Manuale.
<IP Address>, <Subnet Mask>, <Gateway>, <HTTP Port>, e <VNP Port> della telecamera sono visualizzati nei valori attuali.
- Nel riquadro <Address> inserire le informazioni necessarie.
 - MAC (Ethernet) Address : L'indirizzo MAC stampato sull'etichetta della videocamera viene visualizzato automaticamente e non richiede impostazioni da parte dell'utente.

- I parametri relativi all'IP possono essere impostati soltanto quando la funzione DHCP non è selezionata.



Se non si usa un router a banda larga

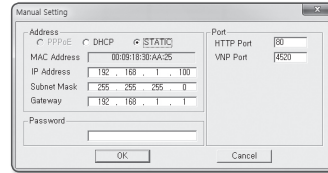
Per l'impostazione di <IP Address>, <Subnet Mask> e <Gateway>, contattare l'amministratore di rete.

4. Inserire le informazioni necessarie nel riquadro <Port>.

- HTTP Port : È utilizzata per accedere alla videocamera utilizzando il browser Internet (impostazione predefinita: 80).
- VNP Port : È utilizzata per controllare il trasferimento del segnale video (impostazione predefinita: 4520).

5. Inserire la password.

Inserire la password dell'account "admin" utilizzato per accedere alla telecamera.



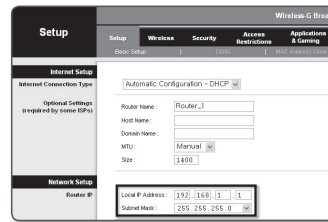
- ! Per ragioni di sicurezza, è raccomandabile usare una combinazione di numeri, lettere maiuscole e minuscole e caratteri speciali per la creazione della propria password.
- Per informazioni su come modificare la password fare riferimento alla guida online di Web Viewer.

6. Fare clic su [OK].

La configurazione manuale della rete viene completata.

Se si utilizza un router a banda larga

- IP Address : Inserire un indirizzo compreso nell'intervallo di IP fornito dal router a banda larga.
Es) 192.168.1.2~254, 192.168.0.2~254, 192.168.XXX.2~254
- Subnet Mask : La <Subnet Mask> del router a banda larga sarà la <Subnet Mask> della videocamera.
- Gateway : Il <Local IP Address> del router a banda larga sarà il <Gateway> della videocamera.



- ✍ Le impostazioni possono differire a seconda del modello di router a banda larga collegato.
Per ulteriori informazioni, consultare il manuale utente del router.
- Per ulteriori informazioni sul port forwarding del router a banda larga, vedere "Impostazione dell'inoltro intervallo porte (mappatura della porte)". (Pagina 22)

Se al router a banda larga sono collegate più videocamere

Configurare separatamente le impostazioni relative all'IP e le impostazioni relative alla porta.

Es)

	Categoria	Video #1	Video #2
Impostazioni correlate dell'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
Impostazioni correlate della porta	HTTP Port	8080	8081
	VNP Port	4520	4521

- ✍ Se per <HTTP Port> è stato impostato un valore diverso da 80, è necessario inserire il numero di <Port> nella barra degli indirizzi del browser Internet prima di poter accedere alla videocamera.
Es) http://Indirizzo IP : HTTP Port
http://192.168.1.100:8080

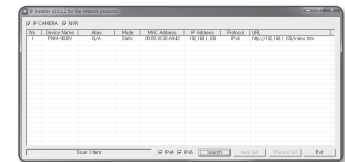
Configurazione automatica della rete

Eseguire <IP Installer_v2.XX.exe> per visualizzare l'elenco di ricerca delle videocamere.

Al primo avvio sia [Auto Set] che [Manual Set] sono disattivati.

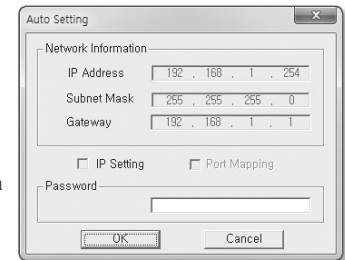
- ✍ Nelle videocamere trovate con impostazione IPv6, questi tasti sono disabilitati dato che le videocamere non supportano questa funzione.

1. Selezionare una videocamera dell'elenco di ricerca.
Controllare l'indirizzo MAC della videocamera sull'etichetta della videocamera.
I tasti [Auto Set] e [Manual Set] sono entrambi attivati.
2. Fare clic su [Auto Set].
Viene visualizzata la finestra di dialogo Prog Auto.
<IP Address>, <Subnet Mask> e <Gateway> vengono impostati automaticamente.



3. Inserire la password.
Inserire la password dell'account "admin" utilizzato per accedere alla telecamera.

- ! Per ragioni di sicurezza, è raccomandabile usare una combinazione di numeri, lettere maiuscole e minuscole e caratteri speciali per la creazione della propria password.
- Per informazioni su come modificare la password fare riferimento alla guida online di Web Viewer.



4. Fare clic su [OK].

La configurazione automatica della rete viene completata.

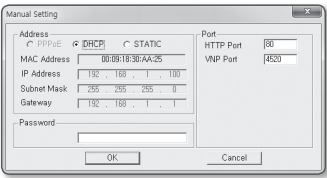
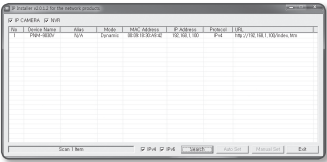
CONFIGURAZIONE IP DINAMICO

Configurazione dell'ambiente dell'IP dinamico

- Esempio di ambiente dell'IP dinamico
 - Se al router a banda larga a cui sono collegate le videocamere è assegnato un indirizzo IP da parte del server DHCP
 - Se si collega la videocamera direttamente al modem usando i protocolli DHCP
 - Se gli IP sono assegnati dal server DHCP interno tramite LAN

Selezione dell'IP dinamico

- Eseguire IP Installer sul computer locale dell'utente.
Nell'elenco sono visualizzate videocamere con assegnazione di <Dynamic IP>.
- Selezionare una videocamera dai risultati della ricerca.
- Fare clic sul pulsante [Manual Set] e controllare l'indirizzo <Dynamic IP> della videocamera.
Deselezionando <DHCP>, è possibile cambiare l'IP in <Static>.

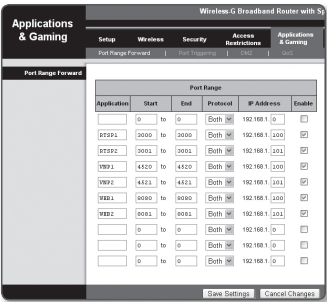


IMPOSTAZIONE DELL'INOLTRO INTERVALLO PORTE (MAPPAT URA DELLA PORTE)

Se è stato installato un router a banda larga a cui è collegata una videocamera, impostare l'inoltro intervallo porte sul router a banda larga in modo che un PC remoto possa accedere alla videocamera in esso.

Inoltro intervallo porte manuale

- Dal menu di configurazione del router a banda larga, selezionare <Applications & Gaming> - <Port Range Forward>.
Per impostare l'inoltro intervallo porte per un router a banda larga di terzi, consultare il Manuale utente del router a banda larga in questione.
- Selezionare <TCP> e <UDP Port> per ogni videocamera collegata al router a banda larga.
Il numero di ogni porta da configurare al Router IP deve essere impostato in base al numero della porta designata in <Configurazione> - <Basic> - <IP & Porta> nel visualizzatore web della telecamera.



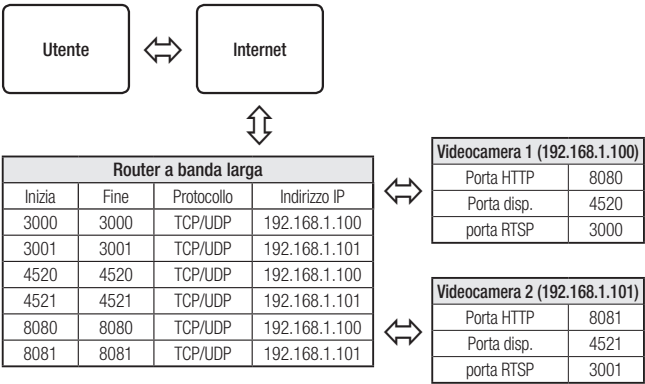
- A operazione ultimata, fare clic su [Save Settings].
Le impostazioni vengono salvate.

- Le istruzioni campione sopra riportate si basano sul router a banda larga CISCO.
- Le impostazioni possono differire a seconda del modello di router a banda larga collegato.
Per ulteriori informazioni, consultare il manuale utente del router.

Impostazione del port range forwarding per più videocamere di rete

- È possibile impostare una regola di inoltro della porta sul router a banda larga, dalla relativa pagina Web di configurazione.
- L'utente potrà cambiare ogni porta utilizzando la schermata di configurazione della telecamera.

Quando la videocamera 1 e la videocamera 2 sono collegate a un router :



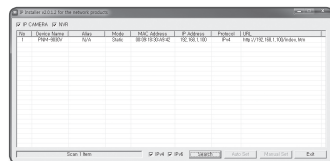
- L'inoltro della Porta può essere effettuato senza un'ulteriore configurazione del router se questo supporta la funzione UPnP (Universal Plug and Play).
Dopo aver collegato la telecamera di rete, selezionare la casella di spunta dal menu <Connessione rapida> in <DDNS Wisenet> in "Impostazioni -> Rete -> DDNS".

COLLEGAMENTO ALLA VIDEOCAMERA DA UN PC LOCALE CONDIVISO

1. Eseguire IP Installer.
Vengono ricercate le videocamere collegate e ne viene visualizzata una lista.
2. Fare doppio clic sulla videocamera a cui accedere.
Il browser Internet viene avviato e si collega alla videocamera.



- È anche possibile accedere alla videocamera digitando l'indirizzo IP della videocamera trovata nella barra degli indirizzi del browser Internet.



COLLEGAMENTO ALLA VIDEOCAMERA DA UN PC REMOTO TRAMITE INTERNET

Poiché l'uso di IP Installer su un computer remoto non incluso nel cluster di rete del router a banda larga non è consentito, gli utenti possono accedere alle videocamere all'interno di una rete del router a banda larga utilizzando l'URL DDNS della videocamera.

1. Prima di accedere alla videocamera nella rete del router a banda larga, bisogna aver impostato l'intervallo porte per il router a banda larga.
2. Dal PC remoto, avviare il browser Internet e digitare l'indirizzo URL DDNS della videocamera o l'indirizzo IP del router a banda larga nella barra degli indirizzi.
Es) <http://ddns.hanwha-security.com/ID del prodotto>

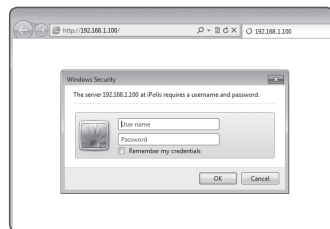


- Per informazioni su come effettuare la registrazione DDNS, fare riferimento alla guida sulla configurazione della rete.

COLLEGAMENTO ALLA VIDEOCAMERA

Caso normale

1. Avviare il browser Internet.
2. Digitare l'indirizzo IP della videocamera nella barra degli indirizzi.
Es) • Indirizzo IP (IPv4) : 192.168.1.100 →
http://192.168.1.100
- Si apre la finestra di dialogo di accesso.
• Indirizzo IP (IPv6) : 2001:230:abcd:ffff:0000:0000:ffff:1111
→ http://[2001:230:abcd:ffff:0000:0000:ffff:1111]
- Si apre la finestra di dialogo di accesso.



Se la porta HTTP è diversa da 80

1. Avviare il browser Internet.
2. Digitare l'indirizzo IP e il numero di porta HTTP della videocamera nella barra degli indirizzi.
Es) Indirizzo IP : 192.168.1.100:numero porta HTTP(8080)
→ http://192.168.1.100:8080 - Si apre la finestra di dialogo di accesso.

Utilizzo dell'URL

1. Avviare il browser Internet.
2. Digitare l'URL DDNS della videocamera nella barra degli indirizzi.
Es) Indirizzo URL : http://ddns.hanwha-security.com/ID del prodotto
- Si apre la finestra di dialogo di accesso.



La connessione di rete è disabilitata in un ambiente di connessione di rete che funziona soltanto tramite la LAN.

Connessione tramite UPnP

1. Avviare il sistema operativo oppure il sistema client a supporto del protocollo UPnP.
2. Fare clic sul nome della telecamera per avviare la ricerca.
Nel sistema operativo di Windows, fare clic sul nome della telecamera che appare nei risultati della ricerca nel menu della rete.
- Viene visualizzata la finestra per l'accesso.

Connessione tramite Bonjour

1. Avviare il sistema operativo oppure il sistema client a supporto del protocollo di Bonjour.
2. Fare clic sul nome della telecamera per avviare la ricerca.
Nel sistema operativo di Macintosh, fare clic sul nome della telecamera che appare nei risultati della ricerca nella finestra di Bonjour di Safari.
- Viene visualizzata la finestra per l'accesso.

Per controllare l'indirizzo DDNS

Se la fotocamera è collegata direttamente a un modem via cavo o DSL basato su DHCP, l'indirizzo IP cambierà ogni volta che viene effettuato un tentativo di connettersi all'ISP (la società a cui si è abbonati). In questo caso, l'utente non viene informato che l'indirizzo IP è cambiato dal DDNS.

Una volta registrato un dispositivo con IP dinamico nel server DDNS, è possibile controllare facilmente l'IP cambiato quando si prova ad accedere al dispositivo.

Per registrare il dispositivo sul server <DDNS>, visitare il sito <http://ddns.hanwha-security.com> e, per prima cosa, registrare il dispositivo. Quindi impostare <Rete> - <DDNS> del visualizzatore Web su <Wisenet DDNS> e inserire il <ID prodotto> precedentemente utilizzato per la registrazione del DDNS.

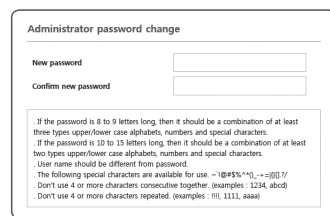
CONFIGURAZIONE DELLA PASSWORD

Quando si effettua l'accesso al prodotto per la prima volta, è necessario registrare la password di accesso.

Quando appare la finestra per la "Modifica della password", immettere la nuova password.



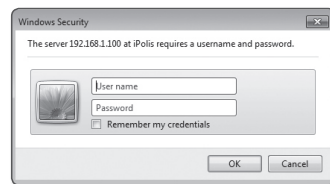
- Per una nuova password da 8 a 9 cifre, è necessario usare almeno 3 dei seguenti elementi: lettere maiuscole/minuscole, numeri e caratteri speciali. Per una password da 10 a 15 cifre, è necessario utilizzare almeno 2 degli elementi precedentemente elencati.
 - Caratteri speciali permessi: ~!@#\$%^&*()_+=|{};:?,./
- Per ottenere un maggiore livello di sicurezza, non è raccomandabile usare ripetutamente gli stessi caratteri oppure lettere consecutive nella tastiera.
- Se la password è stata smarrita, è possibile premere il pulsante [RESET] per ripristinare il prodotto. Di conseguenza, non è consigliabile usare un promemoria per ricordare la propria password o memorizzarla semplicemente.



ACCESSO

Ogni volta che si accede alla telecamera, appare la finestra di login. Inserire l'ID utente e la password per accedere alla telecamera.

1. Inserire "admin" nella casella <User name>. L'ID dell'amministratore, "admin", è fisso e non può essere cambiato.
2. Immettere la password nel campo di inserimento per la <Password>.
3. Fare clic su [OK].
Se l'accesso è avvenuto correttamente, appare la schermata Live Viewer.



- Quando si esegue l'accesso al visualizzatore del web della telecamera, è consigliabile, per motivi di sicurezza, indicare se i dati dell'immagine sono crittografati o no.



- Se si attiva l'opzione "Remember my credentials" dopo aver completato l'inserimento, dalla volta successiva l'accesso avviene automaticamente, senza la richiesta di inserire le informazioni di accesso.
- La qualità video sarà al massimo se la dimensione dello schermo è al 100%. Riducendo il formato si rischia di tagliare l'immagine sui bordi.

CONFIGURAZIONE DI CAMERA WEB VIEWER

1. Fare clic sull'icona [Impostazioni (⚙)].
2. Verrà visualizzata la finestra delle impostazioni.
3. È possibile configurare le impostazioni per le informazioni di base della videocamera, video, audio, rete, eventi, analisi e sistema sulla rete.
4. Fare clic su <Aiuto (🔍)> per visualizzare le descrizioni dettagliate di ciascuna funzione.

SPECIFICA

Elementi		Descrizione
Video	Dispositivo di acquisizione immagini	1/2.8" 5M CMOS x 4 canali
	Pixel totali	2704(O) x 2104(V) 5,69M x 4 canali
	Pixel effettivi	2616(O) x 1964(V) 5M x 4 canali
	Sistema di scansione	Scansione progressiva
	Illuminazione minima	Colore: 0,15 lux (F2.0, 1/30 sec, 30IRE) B/N: 0,01 lux (F2.0, 1/30 sec, 30IRE)
	Uscita video	USB: Micro USB tipo B, 1280 x 720 per installazione
Obiettivo	Lunghezza focale (rapporto di zoom)	4mm
	Apertura max diaframma	F2.0
	Campo di visualizzazione angolare	[Modo 180°] O: 180°, V: 70°, [Modo 220°] O: 220°, V: 52°
	Distanza minima dagli oggetti	3m(9.84 piedi)
	Obiettivo	Focale fissa
	Montaggio	Tipo integrato (M12)
Panoramica / Inclinazione / Rotazione	Portata panoramica	355°
	Portata inclinazione	60°
	Ruota intervallo	-
Caratteristiche operative	Titolo telecamera	Off / On (visualizzati fino a 75 caratteri) - W/W : Inglese/Numerico/Caratteri Speciali - Comune : Linea molteplice (Max 5), Colore (Grigio/Verde/Rosso/Blu/Nero/Bianco), Trasparenza, Ridimensiona automaticamente in base alla risoluzione
	Giorno e notte	Auto (ICR) / Colore / B/N / Pianificazione
	Compensazione controllo	Off / BLC / HLC (mascheramento, attenuazione) / WDR
	Wide Dynamic Range	120dB
	Aumento del contrasto	SSDR (Off / On)
	Riduzione digitale del rumore	SSNRIII (2D+3D Filtro disturbo) (Off / On)

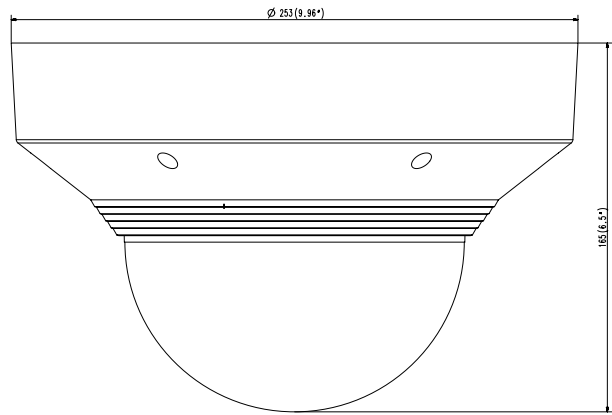
Elementi		Descrizione
Caratteristiche operative	Stabilizzazione digitale dell'immagine	Off / On
	LDC	Supporto
	Sbrinamento	Auto/Manuale/Off
	Rilevazione movimento	Off / On (8ea, 8 punti poligonali), Consegna
	Maschera privacy	Off / On (16ea, zone rettangolari) - Colore: grigio, verde, rosso, blu, nero, bianco - Mosaico
	Controllo guadagno	Off / Basso / Medio / Alto
	Bilanciamento bianco	ATW / AWC / Manuale / Interno / Esterno
	Contrasto	Regolazione livello
	Velocità otturatore elettronico	Minimo / Massimo / Anti starfallio (2 ~ 1/12.000 sec)
	Zoom digitale	24X
	Capovolgì/Specchio	Capovolgì : On/Off Specchio : On/Off
	PTZ Digitale	Supporto
	Analisi video intelligente	Manomissione, vagabondaggio, rilevazione direzionale, linea virtuale, ingresso/uscita, (S)comparsa, rilevazione del movimento, rilevazione audio, classificazione sonora, mappa termica
	I/O Allarme	Ingresso 1ea / Uscita 1ea
	Audio in entrata	Linea IN Tensione di alimentazione : 2,5VDC (4mA), impedenza in entrata : approx. 2K Ohm
	Audio in uscita	Linea in uscita (3.5mm stereo mini jack)
	Trigger allarme	Ingresso allarme, Rilevazione del movimento, Analisi audio e video, Disconnessione Rete
	Eventi di allarme	• Caricamento file via FTP, E-mail • Notifica via e-mail • Stoccaggio locale (SD/SDHC/SDXC) o NAS registrazione anche se disconnessi dalla rete & Evento (Attivazione allarmi) • Uscita esterna
	Conteggio pixel	Supporto

	Elementi	Descrizione
Rete	Ethernet	RJ-45 (10/100/1000 BASE-T)
	Formato di compressione video	H.265 (HEVC): Principale H.264 (MPEG-4 Parte 10/AVC): Principale/Base/Alto MJPEG
	Risoluzione	[Modo 180°] 6096x2540, 5760x2400, 5472x2280, 5184x2160, 4800x2000, 4560x1900, 4096x1704, 3840x1600, 2688x1120, 2560x1064, 2048x852, 1920x800, 1280x532, 640x264 [Modo 220°] 7744x1936, 6096x1524, 5760x1440, 5472x1368, 5184x1296, 4800x1200, 4560x1140, 4096x1024, 3840x960, 2688x672, 2560x640, 2048x512, 1920x480, 1280x320, 640x160
	Frequenza max fotogrammi	H.265/H.264 : Max. 30 fps per tutte le risoluzioni MJPEG: Max. 15 fps a 2 MP
	Codec intelligente	Modalità manuale (in base all'area: 5ea)
	WiseStream II	Supporto
	Regolazione qualità video	H.264/H.265 : Controllo livello bitrate target MJPEG : Controllo livello bitrate target
	Metodo di controllo bitrate	H.264/H.265 : CBR o VBR Motion JPEG : VBR
	Capacità di streaming	Streaming multiplo (fino a 5 o 3 profili per ciascun canale)
	Formato di compressione audio	G.711 μ -law /G.726 selezionabile G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC : 48Kbps a 16KHz
	Comunicazione audio	Bidirezionale
	IP	IPv4, IPv6
	Protocollo	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, LLDP

	Elementi	Descrizione
Rete	Sicurezza	Autenticazione HTTPS(SSL) Autenticazione Digest Filtraggio indirizzo IP Registro accessi utente Metodo di autenticazione 802.1X (EAP-TLS, EAP-LEAP)
	Metodo di streaming	Unicast / Multicast
	N° max di accessi utente	15 utenti in modo Unicast
	Stoccaggio dell'infrastruttura	SD/SDHC/SDXC (fino a 256GB) - Le immagini di movimento registrate nella scheda di memoria SD/SDHC/SDXC possono essere scaricate. NAS (Network Attached Storage) PC locale per la registrazione immediata
	Interfaccia per la programmazione dell'applicazione	ONVIF Profile S/G SUNAPI(HTTP API)
	Pagina web Lingua	Inglese, Francese, Tedesco, Spagnolo, Italiano, Cinese, Coreano, Russo, Giapponese, Svedese, Portoghese, Ceco, Polacco, Turco, Olandese, Ungherese, Greco
	Visualizzatore Web	Sistema operativo supportato : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Browser supportato : Google Chrome 63, MS Edge 41, Mozilla Firefox 57 (solo Windows 64bit), Apple Safari 11 (Supportati soltanto in Mac OS X)
	Software di gestione centrale	Smart viewer, SSM
	Temperatura / umidità di esercizio	-40°C ~ +55°C (-40°F ~ +131°F) / Umidità relativa inferiore al 90%RH
	Temperatura / umidità di conservazione	-40°C ~ +60°C (-40°F ~ +140°F) / Umidità relativa inferiore al 90%
Caratteristiche ambientali	Ingress Protection	IP66
	Protezione antivandalismo	IK10
Caratteristiche elettriche	Tensione / corrente di ingresso	PoE+(IEEE802.3at), DC 12V
	Consumo	Max 25,5W (PoE+), Max 21,0W (DC 12V)
Caratteristiche meccaniche	Colore / materiale	Avorio / Alluminio
	Dimensioni (ØxH)	Ø253mm x H165mm (Ø9.96" x H6.5")
	Peso	3.2Kg

PANORAMICA DEL PRODOTTO

Unita: mm (pollici)



RICERCA DEGLI ERRORI

PROBLEMA	SOLUZIONE
Non viene visualizzato alcun video quando si accede al visualizzatore del web senza plug-in su Safari via HTTPS.	- Sulla finestra a comparsa per l'autenticazione, che appare quando si accede per la prima volta al https, fare clic su "Visualizza certificato di autenticazione" e selezionare la casella di selezione "Autorizza sempre quando ci si collega all'IP del visualizzatore del web designato". - Se anche dopo aver selezionato "Successivo" il visualizzatore del web non riproduce il video, premere il tasto Command + Q per uscire dal Browser di Safari. Poi, eseguire nuovamente l'accesso e ripetere la procedura elencata qui sopra.
Non è possibile accedere alla videocamera da un browser web.	- Controllare che le impostazioni di rete della videocamera siano appropriate. - Controllare che i cavi di rete siano stati collegati correttamente. - Se si connette usando DHCP, verificare che la videocamera sia capace di acquisire gli indirizzi IP senza problemi. - Se la videocamera è collegata ad un router a banda larga, verificare che la portadi inoltro sia configurata.
Il visualizzatore si è scollegato durante il monitoraggio.	- I visualizzatori collegati si disconnettono dopo il cambiamento alla videocamera o configurazioni di rete. - Controllare i collegamenti di rete. - Se la videocamera è collegata a una rete PPPoE, è possibile per il visualizzatore da scollegare in scarse condizioni di rete.
La videocamera collegata alla rete non è rilevata nel programma di installazione IP.	Spegnere le impostazioni di firewall sul PC e poi cercare ancora la videocamera.
Le immagini si sovrappongono.	Controllare se due o più videocamere siano impostate su un singolo indirizzo multicast invece di diversi indirizzi. Se un singolo indirizzo è usato per videocamere multiple, le immagini possono sovrapporsi.
Nessuna immagine appare.	Se il metodo di trasmissione è impostato a multicast, controllare se c'è un router che supporta multicast nella videocamera LAN collegata.

PROBLEMA	SOLUZIONE
Dopo aver “abilitato” <Rilevazione del movimento> in <Analisi>, non viene consegnato nessun file tramite e-mail sebbene si sia verificato un evento analisi video sulla telecamera.	- Verificare le impostazioni nella sequenza indicata in basso: A. Verificare le impostazioni di <Data e ora>. B. <Rilevazione del movimento> deve essere impostato su <Attiva>. C. Verificare che l'opzione <E-mail> nel menu <Imp. evento> sia selezionata.
Nessun segnale sulla porta di emissione allarme anche quando viene generato un evento di analisi video intelligente.	Verificare le impostazioni della porta di uscita allarme.
Impossibile registrare sulla scheda di memoria Micro SD.	Verificare che la scheda di memoria non sia difettosa.
La scheda di memoria Micro SD è inserita, ma la videocamera non funziona correttamente.	- Verificare che la scheda di memoria sia inserita nella direzione corretta. Il funzionamento delle schede di memoria formattate da altri dispositivi non è garantito su questa videocamera - Riformattare la scheda di memoria nel menu <Configurazione> → <Evento> → <Memorizz.>.
Impossibile eseguire la registrazione nel NAS.	Confermare che l'informazione registrata nel NAS è corretta.
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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/
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Component Name	License	URL
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on January 23, 2004
revised on June 17, 2004
revised on December 21, 2006
revised on March 24, 2009

Article 1. Scope of License Agreement

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

Article 2. Definition

1. "T-Kernel" means a real-time operating system controlled and distributed by T-Engine Forum on behalf of the copyright holder thereof.
2. "Source Code" means a source program, including related comments and documentations, for the T-Kernel and the Ported Source Code defined in Article 2.8 which is registered with T-Engine Forum.
3. "Hardware-dependent Part" means the part of the Source Code which depends on hardware and needs to be changed when the Source Code is ported and operated on the target hardware, and is designated and separated as such part.
4. "Compiler-dependent Part" means the part of the Source Code which depends on compiler and needs to be changed when the Source Code is ported and operated on the target hardware, and is designated and separated as such part.
5. "Header File" means the part of the Source Code which contains definitions necessary to develop application programs.
6. "T-Engine Hardware" means the hardware which is manufactured in accordance with the T-Engine Hardware specifications or the μ T-Engine Hardware specifications issued by T-Engine Forum, and registered with T-Engine Forum.
7. "Similar Hardware to T-Engine Hardware" means any hardware (including software which emulates hardware) other than that defined in Article 2.6 above, on which the T-Kernel can be operated.
8. "Ported Source Code" means a source program produced from the Source Code by modifying only its Hardwaredependent Part and/or Compiler-dependent Part to enable it to be operated on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware. The Ported Source Code which is registered with T-Engine Forum shall be included in the Source Code.
9. "Modified Source Code" means a source program modified from the Source Code for the purpose of improving its performance, increasing or decreasing its function, and the like. The Ported Source Code shall not be included in the Modified Source Code.
10. "Binary Code" means an executable code form which is created by compiling programs, which include all or part of the Source Code or the Modified Source Code.
11. "Derivative Work" means the Modified Source Code or the Binary Code.
12. "Embedded Product" means any product which operates with executable code form of the Source Code, the Modified Source Code or the Binary Code loaded on its hardware.
13. "End User" means a consumer who uses the Embedded Product.
14. "System Developer" means any person who develops the Embedded Product by itself or has a third party develop the same, and provides, whether with or without payment, the End User with the Embedded Product.
15. "Distributor of Modification" means any person who produces the Modified Source Code and, whether with or without payment, distributes the same to any third party.

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

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

18. "Source Code User" means a person who uses the Source Code.

19. "Distribution" means any of the following acts:

1. to transmit a work to a large number of specific persons through the Internet communication, broadcasting, and the like;
2. to transmit a work to the general public through the Internet communication, broadcasting, and the like automatically in response to a request from the public; and
3. to distribute a copy of a work to the general public or a large number of specific persons.

Article 3. Copyright

1. The copyrights of the Source Code shall be owned by Ken Sakamura.

Article 4. License of Source Code

1. As provided for in this Article, T-Engine Forum shall provide, and grant a license to use, the Source Code free of charge to any person who has taken the necessary procedure for registration as prescribed by T-Engine Forum and agreed to the T-License.
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 4. to distribute the Binary Code created from the Source Code provided by T-Engine Forum hereunder or from the Source Code modified in accordance with the provision of Article 4.3 (1) above.
4. In accordance with the license granted under Article 4.1 above, the System Developer may perform the following acts:
 1. to perform any and all acts set forth in the Article 4.3 above.
 2. to develop and manufacture the Embedded Product containing the Binary Code, and, whether with or without payment, provide the End User with the same and make the Binary Code available to the End User on the Embedded Product.
5. The Source Code User and the System Developer shall be obligated to give a notice that the Source Code is used, in such a way as separately specified by T-Engine Forum, when they use the Source Code or the Binary Code, or make the Binary Code available for the End User on the Embedded Product.

Article 5. Distribution of Modified Source Code

1. Any of A- members of T-Engine Forum may become the Distributor of Modification by obtaining the approval of T-Engine Forum through the registration procedure as prescribed by the Forum provided that only the department of the A- member which has taken the registration procedure may distribute the Modified Source Code in such a way as provided for in this Article as long as it holds the Amembership.
2. The Distributor of Modification may create the Modified Source Code based on the Source Code provided by T-Engine Forum and the Patch for Modification to be applied to create such Modified Source Code from the Source Code.
3. The Distributor of Modification shall, prior to the distribution, inform T-Engine Forum of and register a name and description of the Modified Source Code in such a way as specified by T-Engine Forum.
4. The Distributor of Modification shall determine the name of the Modified Source Code subject to the rules separately established by T-Engine Forum and publish an appropriate notice as required by the rules on the Patch for Modification and the Modified Source Code.
5. The Distributor of Modification may distribute the Modified Source Code to a third party, whether with or without payment, provided that the Distributor of Modification shall take the necessary measures to prohibit the third party from making the re-Distribution of the Modified Source Code.
6. Developer with the Patch for Modification. Provided, however, that the Distributor of Modification shall be obligated to confirm that the System Developer is the Source Code User duly licensed under Article 4.1.
7. The Distributor of Modification may perform the Vicarious Execution of Patch Processing for the System Developer.
8. The System Developer shall not distribute the Modified Source Code in further modified form to any third party as a stand-alone software product.
9. The System Developer may, under the same obligation as imposed in Article 4.5, make the Embedded Product available for the End User through use of the Patch for Modification distributed by the Distributor of Modification or the Derivative Works obtained through the Vicarious Execution of Patch Processing.

Article 6. Distribution and Registration of the Ported Source Code

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

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

1. The Hardware-dependent Part and/or Compiler-dependent Part; provided that the Source Code User and the System Developer shall inform T-Engine Forum of, and T-Engine Forum may publish, a method for distributing said Part(s) to third parties.
2. The Header File; provided that the Header File shall be distributed together with the Binary Code of the Ported Source Code.
2. Any member of T-Engine Forum may request T-Engine Forum to register and distribute, as an original source code for T-Kernel, the Ported Source Code on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.
3. Any member of T-Engine Forum who requests the distribution mentioned in the preceding paragraph shall accede to the following conditions:
 1. The member shall confirm that the object hardware is the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.
 2. The member shall provide T-Engine Forum with a complete set of operational environment for the object hardware and T-Kernel free of charge when requesting the distribution.
 3. The member shall submit test results of the Ported Source Code to T-Engine Forum when requesting the distribution.
4. In the event that T-Engine Forum accepts the request mentioned in Article 6.2, T-Engine Forum shall register and distribute the Ported Source Code as the Source Code for T-Kernel. Provided, however, that the Ported Source Code may be treated in the same way as the Modified Source Code until the time of registration hereunder.
5. The provision set forth in Article 3 shall apply to the Ported Source Code registered in accordance with this Article.

Article 7. Use for Other Purpose

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

Article 8. Limited Warranty

1. T-Engine Forum and the copyright holder of the Source Code warrant that the Source Code does not infringe third party's copyrights. Provided, however, that T-Engine Forum and the copyright holder of the Source Code make no warranty as to the Hardware-dependent Part and/or Compiler- dependent Part set forth in Article 6.2 in the Ported Source Code by any third party.
2. Neither T-Engine Forum nor the copyright holder of the Source Code warrants that the Source Code will fit for any particular purpose of the Source Code User.
3. Neither T-Engine Forum nor the copyright holder of the Source Code warrants that the Source Code does not infringe any third party's industrial property rights. In no event shall T-Engine Forum and the copyright holder of the Source Code be liable for any dispute which may arise between the Source Code User and a third party in connection with the third party's industrial property rights.

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1. Neither T-Engine Forum nor the copyright holder of the Source Code shall be liable for any damages (including, but not limited to, damages resulting from loss of profit, business interruption, loss of business information or any other pecuniary damage) arising out of use or impossibility of use of the Source Code, even if T-Engine Forum and the copyright holder have been informed of the possibility of such damages.

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1. In case that T-Engine Forum considers that this License Agreement is breached or that the popularization of T-Kernel is obstructed, T-Engine Forum shall take measures to correct such breach or such obstruction, take measures on the ground of copyright infringement, or take any other necessary measures against the breaching person or the obstructing person, regardless of whether or not the said person is a member of T-Engine Forum.
2. In case of breach of this License Agreement by a member of T-Engine Forum, T-Engine Forum may take appropriate measures against the member; for example, the member is disqualified from membership, depending on what kind of breach has been committed by it.
3. Any legal dispute which may arise in relation to any breach of this License Agreement shall be subject to the exclusive jurisdiction of the Tokyo District Court.

Article 11. Governing Law and Language

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

Apache License 2.0

Component	Name License	URL
mDNSResponder_bonjour	Apache License 2.0	http://www.apache.org/licenses/LICENSE-2.0

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Component Name	License	URL
bzip2- 1.0.6	Bzip2	http://www.bzip.org/

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Julian Seward, jseward@bzip.org

bzip2/libbzip2 version 1.0.5 of 10 December 2007

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iperf-2.0.5	University of Illinois / NCSA Open Source

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Jean-loup Gailly Mark Adler

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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).



La tutela dell'ambiente è molto importante per Hanwha Techwin, che ne tiene conto in ogni fase della fabbricazione dei suoi prodotti ed è alla ricerca costante di nuove soluzioni per fornire al cliente prodotti sempre più rispettosi dell'ambiente.

Il marchio Eco rappresenta la dedizione di Hanwha Techwin nel creare prodotti nel rispetto dell'ambiente e indica che il prodotto soddisfa la Direttiva EU RoHS.



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(Applicabile nell'Unione Europea e in altri paesi europei con sistema di raccolta differenziata)

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