

WISeNeT

VIDEOCAMERA DI RETE

Manuale utente

XNP-6550RH



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 elencata contrassegnata "Classe 2" o "LPS" e omologata da 24 V CA (50/60 Hz) min. 4,9 A o PoE 1,15 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.
21. Se il prodotto funziona normalmente, il grado di precisione della preimpostazione è 0,2. Nel caso di riavvio dovuto a mancanza di corrente, aggiornamento firmware, e così via, la tolleranza potrebbe dover essere regolata dopo un controllo di eventuali modifiche in Imp. Predefinite.



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.

I motori Rotazione/Inclinazione/Zoom e lo slip ring sono garantiti per un anno in funzionamento continuo.

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.

La batteria non è sostituibile.

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

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.

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

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
 - RAM : 8G o superiore
 - Sistema operativo supportato : MS Windows, Mac OS X
 - Browser consigliato: Google Chrome
Browser supportati: MS Explorer, MS Edge, Mozilla Firefox (solo Window 64bit), Apple Safari (solo Mac OSX)
- ※ Fare riferimento all'appendice per informazioni dettagliate sulla versione del SO e browser verificato.

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

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
Netgear NAS	Supporta fino ad un massimo di 16 telecamere in entrata simultaneamente.
Sinologia NAS	Supporta fino ad un massimo di 16 telecamere in entrata simultaneamente.



- Quando si utilizza l'apparecchiatura NAS di Netgear, è consigliabile non stanziare lo spazio disponibile per l'uso.
- Se si utilizza un'apparecchiatura NAS per uno scopo diverso dal salvataggio di video, il numero di telecamere in entrata supportato potrebbe variare.

ACCESSORI FORNITI

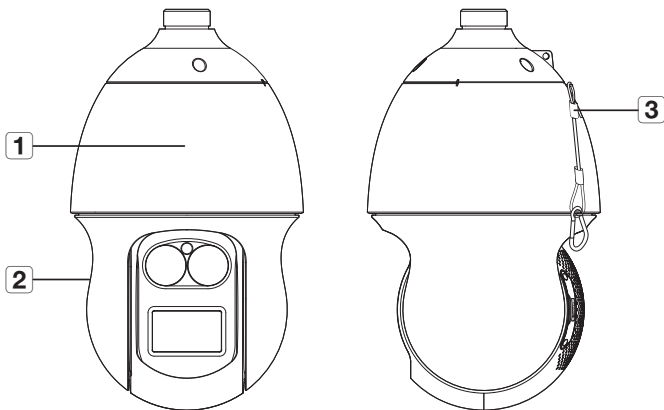
Verificare che nella confezione siano contenuti la videocamera e tutti gli accessori.
(In base al Paese di residenza, gli accessori potrebbero variare.)

Aspetto	Articolo	Quantità	Descrizione
	Struttura principale	1	
	Manuale di istruzioni, CD del software Installer	1	
	Guida Rapida (opzionale)	1	
	Certificato di garanzia (opzionale)	1	
	Iniettore HPoE	1	Collega alimentazione e rete
	Cavo di prova monitor	1	Per verificare la connessione della videocamera ad un dispositivo di visualizzazione portatile
	Cavo di alimentazione	1	Si collega a HPoE
	Connettore Audio/RS-485	1	Serve per il collegamento audio e RS-485
	Vite esagonale	3	Per collegare la base di installazione alla videocamera

Aspetto	Articolo	Quantità	Descrizione
	Chiave a L	1	Per fissare la base di installazione dopo averla attaccata alla videocamera
	Base di installazione	1	Staffa per l'installazione del prodotto
	Accessorio impermeabile	1	Installare e utilizzare in aree dove è presente un alto livello di umidità.

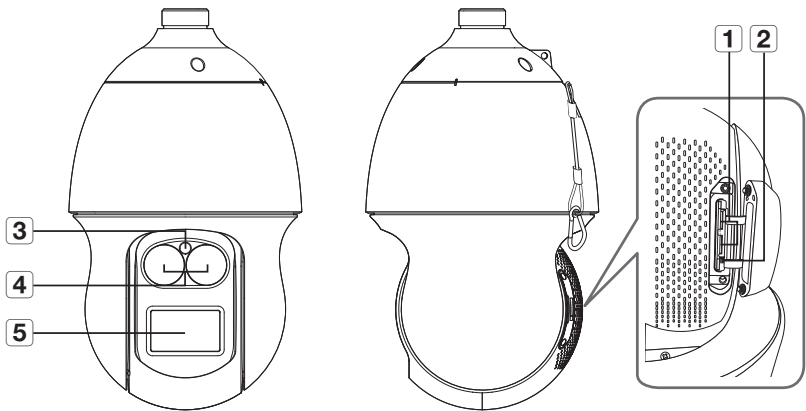
SGUARDO D'INSIEME

Aspetto



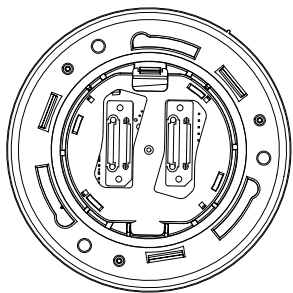
Voce	Descrizione
1 Unità principale	Protegge il meccanismo PTZ interno dalla luce diretta del sole, dalla pioggia o da impatti esterni.
2 Coperchio di protezione	Coperchio di protezione per gli obiettivi e unità protettiva.
3 Cavo di sicurezza	Il cavo evita la caduta del prodotto durante l'installazione.

Interno

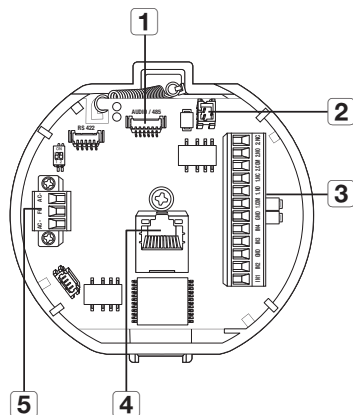


Voce	Descrizione
1 Alloggiamento scheda di memoria Micro SD	Alloggiamento per la scheda di memoria Micro SD. ☒ Fare riferimento a <Inserire/Rimuovere una scheda di memoria Micro SD> per la posizione di inserimento della scheda di memoria Micro SD. (pagina 10)
2 Tasto Reset	Il pulsante ripristina tutte le impostazioni della videocamera all'impostazione predefinita. Tenere premuto per circa 5 secondi per riavviare il sistema. I 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.
3 Sensore di illuminazione	Rileva la luce in ingresso per controllare il LED a infrarossi.
4 LED a infrarossi	Questi LED a infrarossi sono controllati dal sensore di illuminazione.
5 Obiettivo	Obiettivo della telecamera.

Vista dal basso della base di installazione



Vista interna della base di installazione



Voce	Descrizione
1 Connettore Audio/RS-485	Questo è un terminale per collegare i cavi audio e RS-485.
2 Porta di uscita video	Porta di uscita video analogica. (per l'installazione)
3 Porta di ingresso/uscita allarme	Per collegare il cavo di ingresso/uscita allarme.
4 Connessioni di rete	Porta per la connessione alla rete usando un cavo Ethernet.
5 Porta di alimentazione	Per collegare l'alimentazione.

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

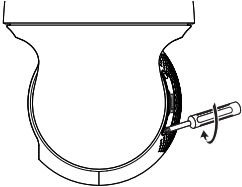
Prima di installare la videocamera, assicurarsi di aver letto le seguenti istruzioni:

- 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.

Inserimento della scheda di memoria Micro SD

1. Svitare le due viti sulla staffa che trattiene la SD ruotandole in senso antiorario con un cacciavite.

- 
- Scollegare il cavo di alimentazione dalla videocamera prima di inserire la scheda di memoria Micro SD.
 - Quando piove e si ha un alto livello di umidità, non è consigliabile inserire o estrarre una scheda Micro SD.
 - 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.
 - Non rimuovere completamente la vite.

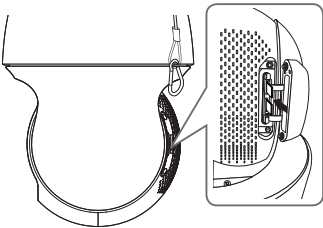


2. Tirare verso l'alto la staffa che trattiene la SD e spingere la scheda di memoria Micro SD in direzione della freccia come mostrato in figura.

- 
- Non forzare per inserirla nella direzione opposta. Potrebbe danneggiare la scheda di memoria Micro SD e prodotto.

3. Montare la telecamera seguendo l'ordine inverso allo smontaggio dopo aver inserito la scheda di memoria SD.

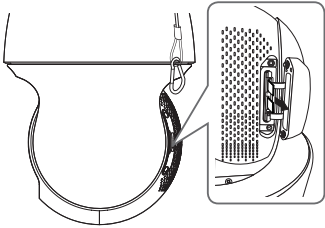
- 
- Stringere le viti quando si monta il corpo della telecamera, la copertura di protezione e la staffa che trattiene la SD per evitare che penetri l'umidità.



Rimozione della 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.

- 
- 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.



Preparazione e installazione della staffa della videocamera

Per le istruzioni di installazione delle staffe e degli alloggiamenti, vedere il manuale di installazione incluso con la staffa o l'alloggiamento.

Modelli di staffa disponibili

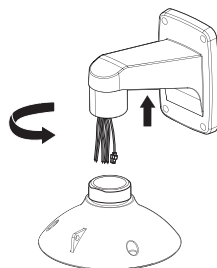
Modello	Elemento
SBP-300WM1	Supporto per montaggio a parete
SBP-300WM	
SBP-300CM	Supporto per montaggio a soffitto
SBP-300LM	Supporto per montaggio a parapetto
SBP-300KM	Supporto per montaggio ad angolo
SBP-300PM	Supporto per montaggio su palo

- 
- Vedere **"Accessori opzionali per l'installazione"** per l'aspetto di ogni staffa (non compresa nel pacchetto). (pagina 13)

Installazione mediante supporto per montaggio a parete

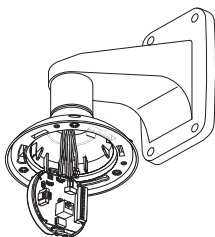
■ Fissare la base di installazione alla staffa

1. Girare la base in senso orario per fissarla alla staffa.



2. Come indicato nella figura in basso, premere delicatamente e sollevare la maniglia dello sportello a cerniera sul fondo della base di installazione. Per collegare i fili, fare riferimento a **"Scheda di interfaccia cablaggio della videocamera"** a pagina 14.

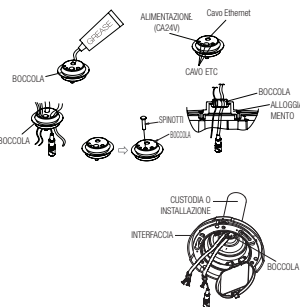
- ! ■ Attendere che l'installazione sia completata per collegare la videocamera alla presa di alimentazione. Se si collega l'alimentazione in fase di installazione si può provocare un incendio o danneggiare il prodotto.



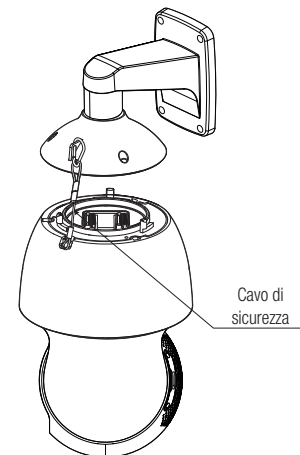
- ☑ Controllare il metodo di connessione del cavo e poi procedere all'installazione.

- Le **BOCCOLE** sono fornite per le installazioni all'aperto, dove l'unità è esposta all'umidità attraverso il **TUBO** o il **SUPPORTO**; installare l'**ALLOGGIAMENTO** usando le **BOCCOLE** per evitare l'ingresso dell'umidità.

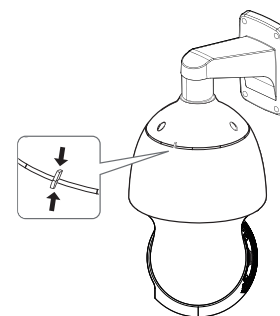
- Prima dell'assemblaggio applicare sulla **BOCCOLA** la giusta quantità di grasso e far passare i cavi attraverso ogni foro delle boccole. Usare gli **SPINOTTI** per chiudere i fori vuoti, in cui non passano cavi.
- Montare la **BOCCOLA** sul lato superiore della parte interna dell'**ALLOGGIAMENTO**, come indicato nella figura sotto. A questo punto, premere uniformemente sulla **BOCCOLA** per fissarla saldamente all'**ALLOGGIAMENTO** come indicato nella figura.



3. Collegare il filo di sicurezza della videocamera alla base di installazione.

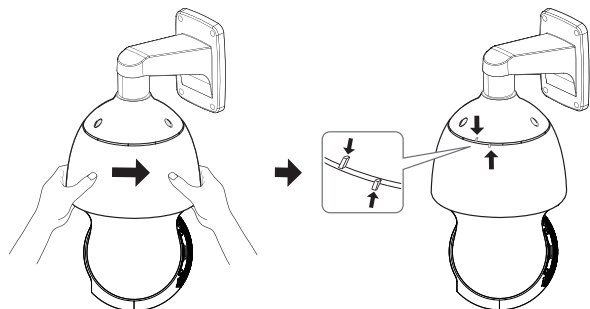


4. Montaggio della videocamera e della base di installazione. Montare la base di installazione e la videocamera facendo corrispondere le guide per l'installazione.



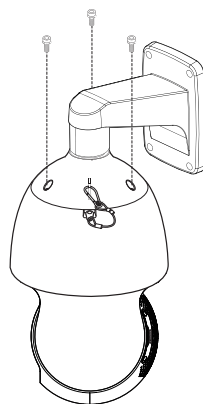
5. Attacco della videocamera

Ruotare l'unità principale della telecamera in senso orario per posizionare il segno di riferimento nella sezione superiore e inferiore come mostrato nella figura.



6. Fissaggio della videocamera e della base di installazione

Come indicato nella figura in basso, serrare la base di installazione e la videocamera mediante 3 viti esagonali.



Note per l'impermeabilizzazione

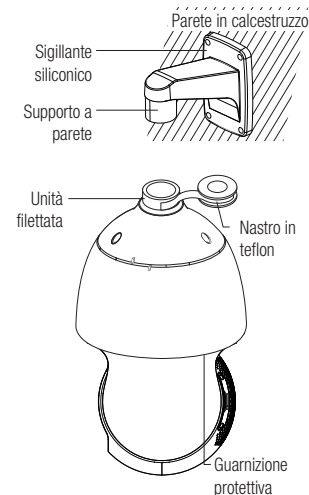
Questo è un prodotto per abitazione, abilitato per l'utilizzo in spazi aperti.

■ Quando si combina la struttura principale e il montaggio a muro per l'installazione a muro

1. Installare il supporto a parete sulla parete verticale. Quando è installato su un muro inclinato, l'umidità potrebbe permeare nella struttura principale attraverso il cavo esterno.
2. Per l'assemblaggio, avvolgere la parte filettata dell'alloggiamento con una quantità sufficiente di nastro in teflon.
3. Assicurarsi che la guarnizione non sia separata dal coperchio protettivo quanto questo viene separato e montato nella struttura dell'abitazione.
4. Installare l'adattatore del supporto a parete per l'impermeabilizzazione, quindi applicare il sigillante siliconico tra la parete e il supporto a parete e nella zona circostante, in modo da sigillare opportunamente.



- Se il lato installato non è in piano, prestare particolare attenzione e assicurarsi che la sigillatura sia corretta.

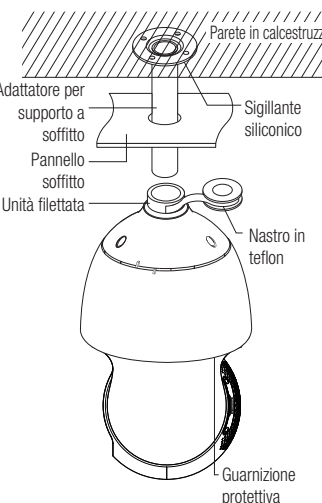


■ Quando si combina la struttura principale e il montaggio a soffitto per l'installazione a soffitto

1. Per l'assemblaggio, avvolgere la parte filettata dell'alloggiamento con una quantità sufficiente di nastro in teflon.
2. Assicurarsi che la guarnizione non sia separata dal coperchio protettivo quanto questo viene separato e montato nella struttura dell'abitazione.
3. Installare l'adattatore per supporto a soffitto per l'impermeabilizzazione, quindi applicare il sigillante siliconico tra la parete e il supporto a soffitto e nella zona circostante, in modo da sigillare opportunamente.



- Se il lato installato non è in piano, prestare particolare attenzione e assicurarsi che la sigillatura sia corretta.

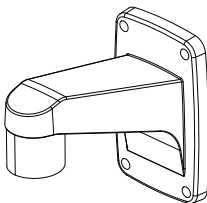


Accessori opzionali per l'installazione

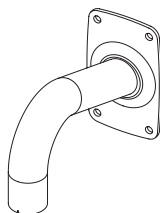
Per una maggiore facilità di installazione, è possibile acquistare gli accessori opzionali appropriati disponibili sul mercato.

1. Installazione della videocamera a parete

- Supporto per montaggio a parete (SBP-300WM1)

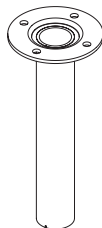


- Supporto per montaggio a parete (SBP-300WM)



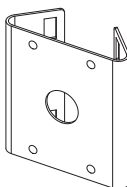
2. Installazione della videocamera a soffitto

- Supporto per montaggio a soffitto (SBP-300CM)



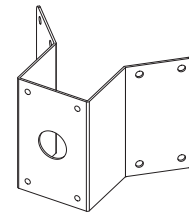
3. Installazione del supporto per montaggio a parete (SBP-300WM/SBP-300WM1) su un cilindro di almeno 80 mm di lunghezza

- Supporto per montaggio su palo (SBP-300PM)



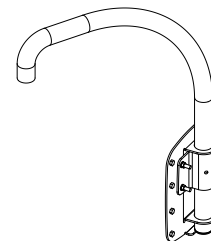
4. Installazione del supporto per montaggio a parete (SBP-300WM /SBP-300WM1) in un angolo della parete

- Supporto per montaggio ad angolo (SBP-300KM)

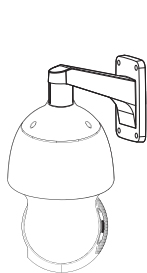


5. Installazione sul tetto di un edificio

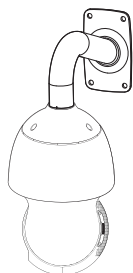
- Supporto per montaggio a parapetto (SBP-300LM)



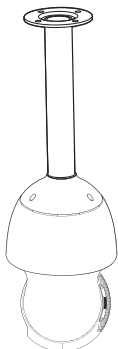
■ Effettuare un montaggio unito



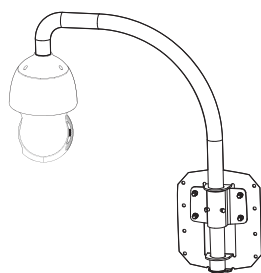
Supporto per montaggio a parete (SBP-300WM1)



Supporto per montaggio a parete (SBP-300WM)



Supporto per montaggio a soffitto (SBP-300CM)

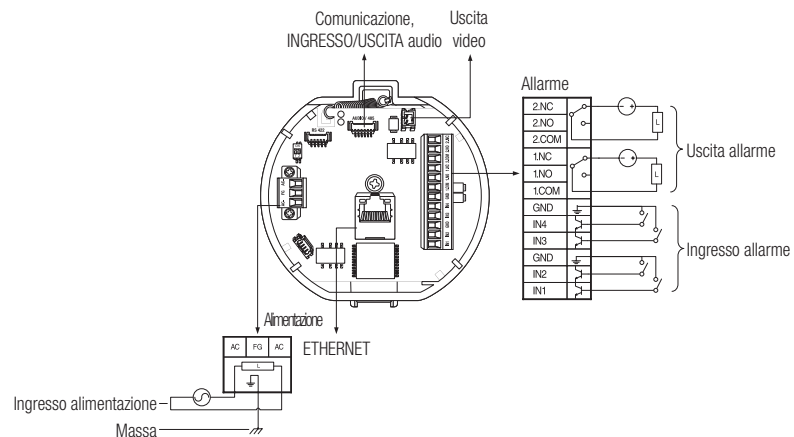


Supporto per montaggio a parapetto (SBP-300LM)

COLLEGAMENTO CON ALTRI DISPOSITIVI

Scheda di interfaccia cablaggio della videocamera

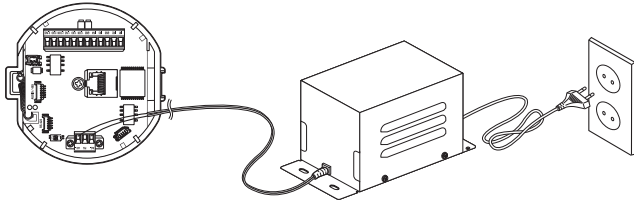
Per il cablaggio della videocamera, vedere l'immagine in basso.



- Selezionare Apertura normale nel menu Configurazione.
 - L'ingresso del sensore è attivato durante un corto per il tipo a contatto, o quando si trova al livello "Basso" per il tipo attivo.
- Selezionare Chiusura normale dal menu Configurazione.
 - L'ingresso del sensore è attivato quando è aperto per il tipo a contatto, o quando si trova in stato di alta impedenza (collettore aperto) per il tipo attivo.
- La capacità massima del terminale di emissione allarme è di 30V cc/2A, 125V ca/0,5A e 250V ca/0,25A.
- Quando si collegano i cavi di ingresso e di uscita dell'allarme, fare attenzione a collegare ciascun cavo al terminale corrispondente.
- Per collegare dei prodotti oltre la potenza disponibile dalla videocamera, utilizzare un dispositivo relè aggiuntivo.
- Se i cavi di alimentazione e GND sono collegati in modo non appropriato alla porta NC/NO o COM, può verificarsi un incendio o una rottura dell'apparecchiatura.

Preparazione di alimentatore e cavo

- ! ■ Collegare la videocamera all'alimentatore. Quindi inserire il cavo dell'alimentatore nella presa di rete.



Controllare la tensione e la corrente nominali prima di effettuare le connessioni.

Potenza nominale	Tensione di ingresso consentita	Consumo di corrente
24 V CA	22 V CA ~ 26 V	6 A

- ! ■ Il prodotto non può essere utilizzato a -50°C o al di sotto della temperatura ambiente.
- Il prodotto potrebbe non sbrinarsi se l'area d'installazione si troverà a -50°C.
- Dal momento in cui il prodotto sarà lasciato in un ambiente a basse temperature, lo stesso impiegherà fino a 2 ore per diventare pienamente operativo.
- La velocità dello zoom del dimmer IR potrebbe rallentare in un ambiente a -40°C o temperature inferiori.
- Resetare l'ora del prodotto se questo è acceso dopo essere stato esposto ad ambienti a -20°C o temperature inferiori.
- Se si desidera collegare un dispositivo esterno, occorre spegnere il dispositivo esterno prima di procedere.

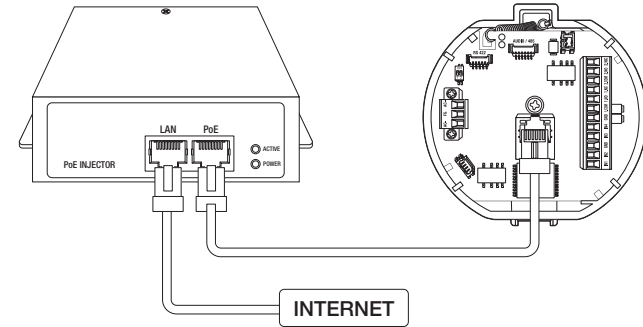
Specifiche del cavo di alimentazione

In caso di ingresso CA 24 V:

Tipo di cavo (AWG)	#16	#14
Lunghezza cavo (Max.)	14m	23m

Collegamento Ethernet

Collegare il cavo Ethernet alla rete locale o a Internet.



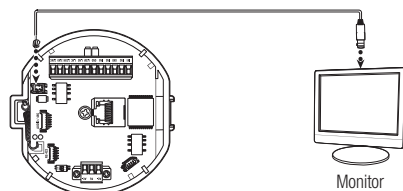
- ! ■ Utilizzare un adattatore conforme per l'alimentazione del dispositivo.

Caratteristiche tecniche del cavo di rete

Unità	Contenuti	Osservazione
Connettore	RJ45 (10/100BASE-T)	
Ethernet	10/100BASE-T	
Cavo	Categoria UTP 5e	
Distanza massima	100M	Resistenza DC $\leq 0.125 \Omega/m$
Supporto HPoE	HPoE	

Collegamento del monitor di installazione

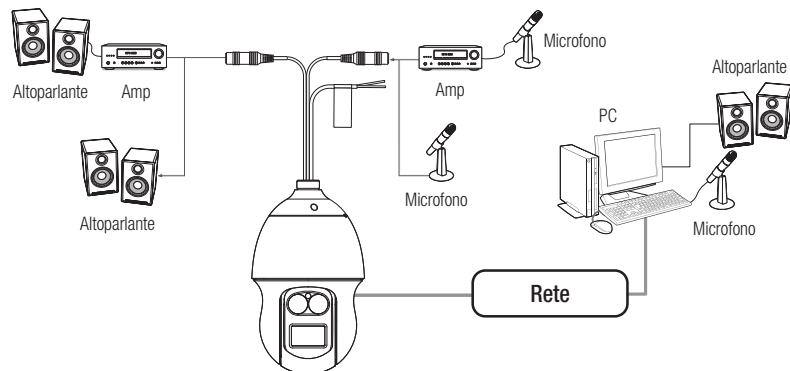
Collegare il cavo al terminale di uscita video sul retro della videocamera e al terminale di ingresso video del monitor di installazione.



- Il cablaggio varia a seconda del tipo di monitor e delle periferiche; fare riferimento al manuale utente per ogni periferica.
- Assicurarsi che il monitor e la videocamera siano spenti quando li si collega.

- !**
- Questo prodotto è una videocamera di rete che trasferisce il video in una rete; il terminale di uscita video è utilizzato per impostare al momento dell'installazione l'intervallo di cattura delle immagini della videocamera.
 - L'utilizzo del terminale per scopi di monitoraggio può causare problemi quali la perdita della qualità video.
 - Non idoneo per il monitoraggio di 24-ore mediante l'utilizzo di monitor CTR professionali oppure monitor portatili TFT/LCD.
 - Utilizzare lo schermo trasferibile di rete per un monitoraggio e una memorizzazione di 24-ore.

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: 8 kHz), AAC (Bit rate: 48 Kbps / Frequenza di campionamento: 16 kHz)
- Uscita audio : G.711 PCM (Bit Rate: 64 kbps / Frequenza di campionamento: 8 kHz)

• 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

Cablaggio della telecamera

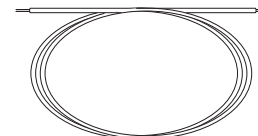
Connessione del segnale di controllo

- Comunicazioni RS-485



Cavo di comunicazione

Per consentire la comunicazione tra la videocamera e il controller, è richiesta una linea di comunicazione RS-485.



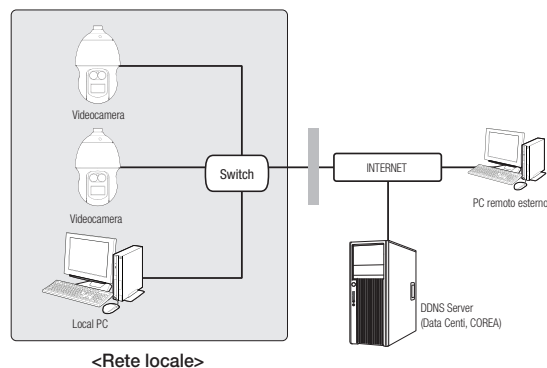
- !**
- Per il collegamento si raccomanda una lunghezza di 30 m o inferiore.
 - Il cavo di comunicazione non è incluso nella videocamera.

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

COLEGARE LA VIDEOCAMERA DIRETTAMENTE ALL'AREA LOCALE DELLA RETE

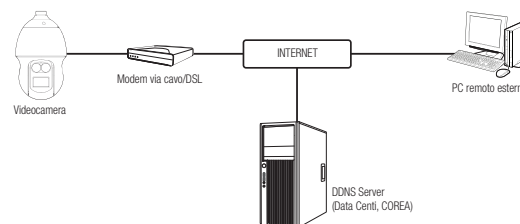
Collegare la videocamera da un PC locale nella LAN

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 18)

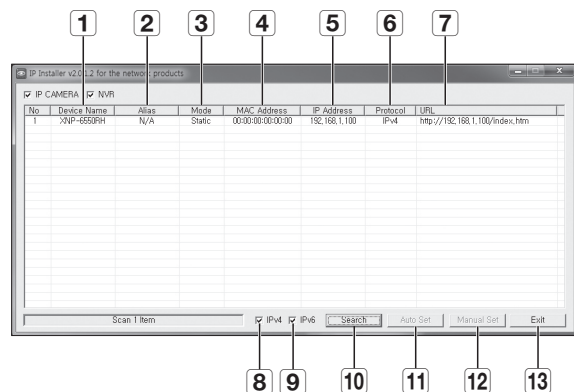
COLLEGAMENTO DELLA VIDEOCAMERA DIRETTAMENTE AD UN MODEM VIA CAVO/DSL DHCP



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.

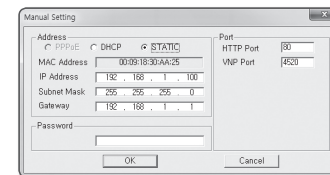
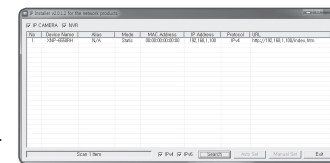


- Nelle videocamere trovate con impostazione IPv6, questi tasti sono disabilitati dato che le videocamere non supportano questa funzione.

- 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

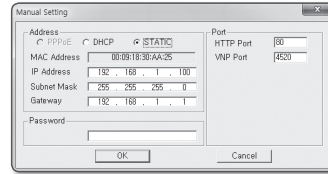
Per l'impostazione di <IP Address>, <Subnet Mask> e <Gateway>, contattare l'amministratore di rete.

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.



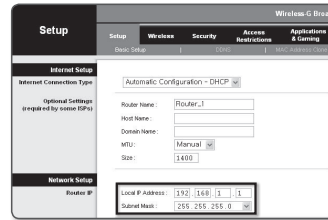
- ! Per ragioni di sicurezza, è raccomandabile usare una combinazione di numeri, lettere maiuscole e minuscole e caratteri speciali per la creazione della propria password.
- Per informazioni su come modificare la password fare riferimento alla guida online di Web Viewer.

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 20)

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	Videoc #1	Videoc #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

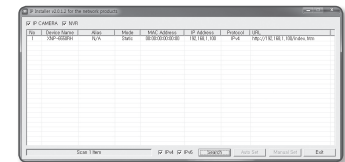
Configurazione automatica della rete

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.

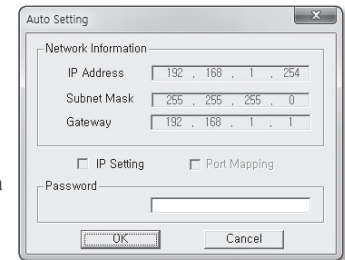
- ✍ Nelle videocamere trovate con impostazione IPv6, questi tasti sono disabilitati dato che le videocamere non supportano questa funzione.

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.

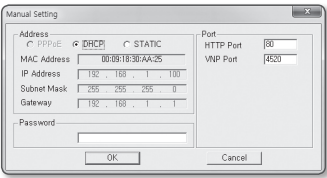
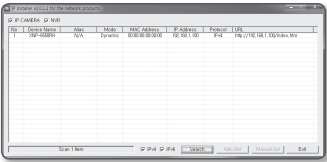
CONFIGURAZIONE IP DINAMICO

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>.

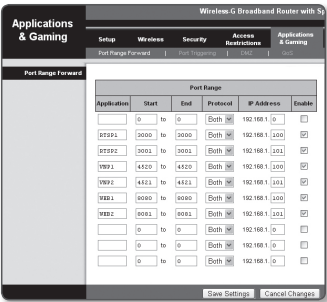


IMPOSTAZIONE DELL'INOLTRO INTERVALLO PORTE (MAPPAT URA DELLA PORTE)

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.



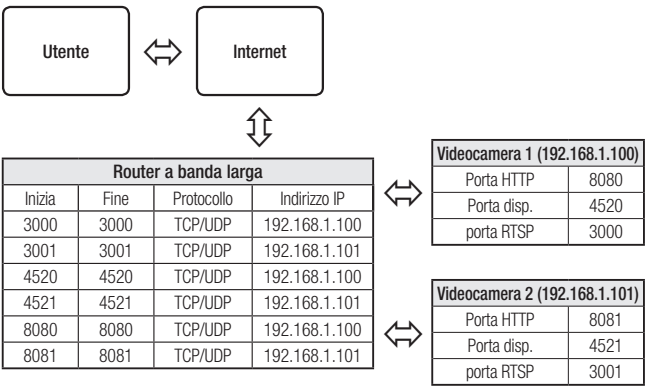
- A operazione ultimata, fare clic su [Save Settings].
Le impostazioni vengono salvate.

- 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 :



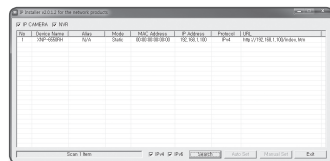
- L'inoltro della Porta può essere effettuato senza un'ulteriore configurazione del router se questo supporta la funzione UPnP (Universal Plug and Play).
Dopo aver collegato la telecamera di rete, selezionare la casella di spunta dal menu <Connessione rapida> in <DDNS Wisenet> in "Impostazioni -> Rete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

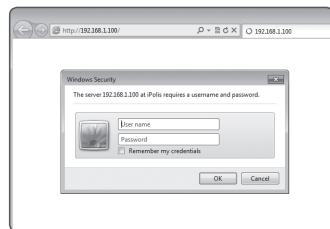


- Per informazioni su come effettuare la registrazione DDNS, fare riferimento alla guida sulla configurazione della rete.

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.

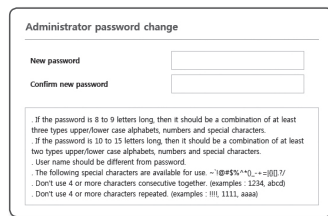
Per registrare il dispositivo sul server <DDNS>, visitare il sito <http://ddns.hanwha-security.com> e, per prima cosa, registrare il dispositivo. Quindi impostare <Rete> - <DDNS> del visualizzatore Web su <Wisenet DDNS> e inserire il <ID prodotto> precedentemente utilizzato per la registrazione del DDNS.

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.



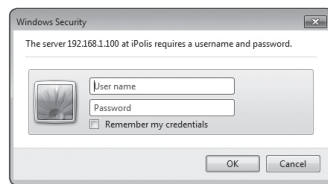
- Per una nuova password da 8 a 9 cifre, è necessario usare almeno 3 dei seguenti elementi: lettere maiuscole/minuscole, numeri e caratteri speciali. Per una password da 10 a 15 cifre, è necessario utilizzare almeno 2 degli elementi precedentemente elencati.
 - Caratteri speciali permessi: ~!@#\$%^&*()_-=+{}[]?/
- 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" 2.16M CMOS
	Pixel totali	1945(O) X 1109(V), 2.16M pixel
	Pixel effettivi	1945(O) X 1097(V), 2.13M pixel
	Sistema di scansione	Scansione progressiva
	Illuminazione minima	Colore : 0.02 Lux (1/30sec, F1.6) B/N : 0.002 lux (1/30sec, F1.6) 0 Lux (LED a infrarossi acceso)
	Rapporto S / N	50dB
	Uscita video	CVBS : 1,0 Vp-p / 75Ω composita, 720x480(N), 720x576(P), per l'installazione
Obiettivo	Lunghezza focale (rapporto di zoom)	4.75mm ~ 261.4mm (55x)
	Apertura max diaframma	F1.6 (Wide) ~ F6.5 (Tele)
	Campo di visualizzazione angolare	0 : 58.6°(Wide) ~ 1.23°(Tele) / V : 34.8°(Wide) ~ 0.71°(Tele)
	Distanza minima dagli oggetti	5m
	Controllo messa a fuoco	AF / AF ad uno scatto / Manuale
	Obiettivo	Diaframma automatico DC
	Montaggio	Su piastra
	Velocità di spostamento zoom	Circa 5 sec (da wide a tele)
Panoramica / Inclinazione / Rotazione	Intervallo di panoramica	360° Continuo
	Velocità di panoramica	Preimpostazione : 400°/sec, Manuale : 0,024°/sec ~ 250°/sec
	Intervallo di inclinazione	95°(-5° ~ 90°)
	Velocità di inclinazione	Preimpostazione : 250°/sec, Manuale : 0,024°/sec ~ 250°/sec
	Sequenza	Predefinito (300ea), Oscillare, Gruppo(6ea), Traccia, Tour, Avvio automatico, Pianificazione
	Precisione di preimpostazione	±0.2°
	Azimut	Sì (E/W/S/N/NE/NW/SE/SW OSD)
	Monitoraggio automatico	Off / On

Elementi		Descrizione
Caratteristiche operative	Lunghezza visibile	500m
	Titolo telecamera	Off / On (visualizzati fino a 85 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
	Compensazione controllo	Off / BLC / HLC / WDR
	Gamma dinamica ampia	120dB
	Aumento del contrasto	SSDR (Off / On)
	Riduzione digitale del rumore	SSNR5 (filtro anti-rumore 2D + 3D) (Off / On)
	Stabilizzazione dell'immagine digitale	Off/On (giroscopico incorporato)
	Sbrinamento (Optical)	Auto / Manuale / Off
	Rilevazione movimento	Sì (8ea, Zone poligonali)
	Maschera privacy	Off / On (24 zone della zona rettangolare) - Colore: Grigio/Verde/Rosso/blu/Nero/Bianco - Opzione proporzione dello zoom per la modalità di mascheratura - Opzione mosaico
	Controllo guadagno	Off / Basso / Medio / Alto
	Bilanciamento bianco	ATW / AWC / Manuale / Interni / Esterni / Mercurio / Sodio
	Velocità otturatore elettronico	Minimo / Massimo / Anti sfarfallio (2 ~ 1/12.000sec)
	Zoom digitale	32x, la funzione per lo zoom dell'area supporta lo zoom digitale a 2x
	Ruotare immagine	Capovolgì / Specchio : On/Off
	Analisi video intelligente	Manomissione, vagabondaggio, rilevamento direzionale, linea virtuale, ingresso/uscita, apparizione/scomparsa, rilevamento audio, rilevamento volto, rilevamento del movimento, rilevamento nebbia, classificazione sonora
	I/O Allarme	4 ingresso / 2 uscita (Tipo di relè)
	Interfaccia telecomando	RS-485
	Protocollo RS-485	Samsung-T, Pelco-D/P, Panasonic, Honeywell, AD, Vicon, GE, BOSCH
	Trigger allarme	Ingresso allarme, rilevamento di movimento, analisi video intelligenti, disconnessione dalla rete

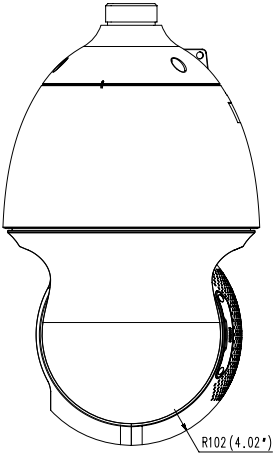
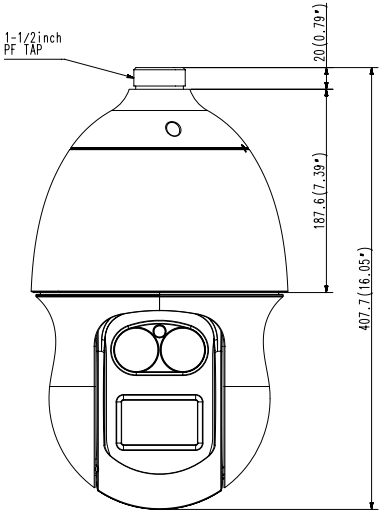
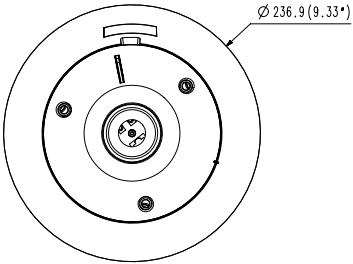
Elementi		Descrizione
Caratteristiche operative	Eventi di allarme	• Caricamento file via FTP, e-mail • Notifica via e-mail • Stoccaggio locale (SD/SDHC/SDXC) o registrazione NAS al momento dell'evento (Inneschi dell'allarme) • Uscita esterna • Impostazioni predefinite del PTZ
	Audio in entrata	Selezionabile (Mic IN/ Linea IN) Tensione di alimentazione : 2,5VDC (4mA), impedenza in entrata : approx. 2K Ohm
	Audio in uscita	Linea in uscita (Mini jack per stereo da 3.5mm), Livello uscita max: 1Vrms
	Conteggio pixel	Supporto
Rete	Ethernet	RJ-45 (10/100BASE-T) SFP (*solo per modello SBP-303HF)
	Formato di compressione video	H.265/H.264 (MPEG-4 Parte 10/AVC) : Principale/Linea di base/Alto, JPEG Movimento
	Risoluzione	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
	Frequenza max fotogrammi	H.265/H.264 : Max. 60 fps in tutte le risoluzioni Movimento JPEG : Max. 30 fps in tutte le risoluzioni
	Codec Intelligente	Modalità manuale (in base all'area: 5EA)
	WiseStream II	Supporto
	Regolazione qualità video	H.264/H.265/MJPEG : Controllo livello Bitrate
	Metodo di controllo bitrate	H.264/H.265 : CBR o VBR MJPEG : VBR
	Capacità di streaming	Streaming multiplo (fino a 10 profili)
	Formato di compressione audio	G.711 u-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

Elementi		Descrizione
Rete	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
	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	20 utenti in modo Unicast
	Stoccaggio dell'infrastruttura	2 slot Micro SD/SDHC/SDXC (fino a 512 GB) - Registrazione continua (dal 1° slot al 2° slot) - 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 di configurazione dell'applicazione	ONVIF Profile S/G SUNAPI 2.0(HTTP API) WiseNet Open Platform
	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 consigliato: Google Chrome Browser supportato : IE11, MS Edge, Mozilla Firefox (solo Windows 64bit), Apple Safari 10 (Supportati soltanto in Mac OS X)
	Software di gestione centrale	SmartViewer

Elementi		Descrizione
Caratteristiche ambientali	Temperatura / umidità di esercizio	24 V CA : -50°C ~ +55°C (-58°F ~ +131°F) / Umidità relativa inferiore al 90% HPoE : -40°C ~ +55°C (-40°F ~ +131°F) / Umidità relativa inferiore al 90% * Il prodotto deve essere avviato a temperature superiori a -30°C (HPoE Mode)
	Temperatura / umidità di conservazione	-50°C ~ +60°C (-58°F ~ +140°F) / Umidità relativa inferiore al 90%
	Ingress Protection	IP66
	Resistenza antivandalo	IK10
Caratteristiche elettriche	Tensione / corrente di ingresso	24 V CA / HPoE
	Consumo	24 V CA : 92W HPoE : 60W
Caratteristiche meccaniche	Colore / Materiale	Nero(parte superiore) + Avorio(corpo dell'unità) / Alluminio, Plastica
	Dimensioni (Ø x H)	Ø236,9 x H407,7 mm
	Peso	7.2kg

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.
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. - Verificare se il modulo dell'obiettivo funziona regolarmente.

PROBLEMA	SOLUZIONE
<Rilevazione dei movimenti> in <Analytics> è impostato su <Attiva>, ma non ricevo notifiche e-mail neanche quando si verifica un evento di analisi.	- Verificare le impostazioni nella sequenza indicata in basso: - Verificare le impostazioni di <Data e ora>. <Rilevazione dei movimenti> deve essere impostato su <Attiva>. - 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.
Informa che la configurazione NAS non è andata a buon fine.	- Verificare che l'indirizzo IP e NAS siano validi. - Verificare che ID/Password del NAS siano validi. - Verificare di avere accesso alla cartella scelta come cartella base utilizzando l'ID del NAS. - Confermare che gli elementi NAS SMB/CIFS non siano selezionati. - Confermare che l'indirizzo IP del NAS e l'indirizzo IP della telecamera siano nello stesso formato. Es) Il valore iniziale del NAS & della subnet mask della telecamera è uguale a 255.255.255.0. Se l'indirizzo IP è 192.168.20.32 allora l'indirizzo IP del NAS deve trovarsi entro l'intervallo di 192.168.20.1~192.168.20.255. - Verificare se si è provato ad effettuare l'accesso con un nome utente diverso senza formattare la cartella base salvata o in utilizzo. - Verificare di aver utilizzato l'apparecchiatura NAS consigliata.

OPEN SOURCE ANNOUNCEMENT

GPL/LGPL software license

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

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

GPL SW

Component Name	License	URL
Base Kernel	GPL 2.0	
Busybox	GPL 2.0	http://www.busybox.net/downloads/snapshots
iproute2-4.3.0	GPL 2.0	
iptables-1.4.21	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-4.2	GPL 2.0	
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/

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

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The implementation was written so as to conform with Netscapes SSL.

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

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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).



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