

VIDEOCAMERA DI RETE

Manuale utente

QNB-6002/QNB-8002



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 fornito da un'unità alimentata a corrente segnata come "Classe 2" o "LPS" e tarata da 12 Vdc, 0,5 A o PoE, 0,13 A. (QNB-6002)
16. Questo prodotto deve essere fornito da un'unità alimentata a corrente segnata come "Classe 2" o "LPS" e tarata da 12 Vdc, 0,5 A o PoE, 0,13 A. (QNB-8002)
17. Questo prodotto richiede un'alimentazione che sia elettricamente isolata.
18. 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.
19. 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.
20. 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.



21. 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.
22. L'installazione o l'utilizzo del prodotto in acqua può causare gravi danni allo stesso.
23. Questo dispositivo è stato verificato utilizzando il cavo STP. Si raccomanda l'uso di un'adeguata messa a terra GND e di un cavo STP per proteggere efficacemente il prodotto e la proprietà da sovratensioni transitorie, temporali e interruzioni della comunicazione.

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.

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

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.

Il terminale VIDEO 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.

Non garantiamo la qualità dei prodotti di terzi (ad esempio, lenti o accessori) acquistati separatamente.

In determinati ambienti di installazione, potrebbero esserci interferenze nelle comunicazioni radio. Quando si verificano interferenze di onde elettromagnetiche tra il prodotto e il dispositivo di comunicazione radio, si raccomanda di mantenere una certa distanza tra i due o di cambiare la direzione dell'antenna ricevente.

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SPECIFICHE PC CONSIGLIATE

- CPU : Intel(R) Core(TM) i7 3.4 GHz o superiore
 - RAM : 8G o superiore
 - Browser consigliato: Chrome
 - Browser supportati: Chrome, Safari, Firefox, MS Edge(chromium based)
 - Sistema operativo supportato : Windows, Mac, Linux, Android, iOS, Chrome
 - Ambiente di verifica
 - Windows 10: Google Chrome versione 80 o successiva, Firefox versione 72 o successiva, MS Edge versione 83 o successiva
 - Mac 10.13/14: Safari versione 11.0.1 o successiva
- ※ Le prestazioni di riproduzione video del web viewer dipendono dalle prestazioni della CPU e della GPU dell'utente.

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

- Spazio consigliabile : Da 16GB a 128GB (Tipo MLC richiesto)
- Produttori consigliati : SanDisk, Transcend
- Tipologia di prodotto : Alta resistenza
- La compatibilità varia in base al produttore e alla tipologia della scheda.

SPECIFICHE NAS CONSIGLIABILI

- Spazio consigliabile : È consigliabile disporre di uno spazio di 200GB o superiore.
 - Per questa telecamera, si consiglia di utilizzare una NAS con le seguenti specifiche tecniche del fornitore.
- Prodotti raccomandati: Netgear NAS, Sinologia NAS

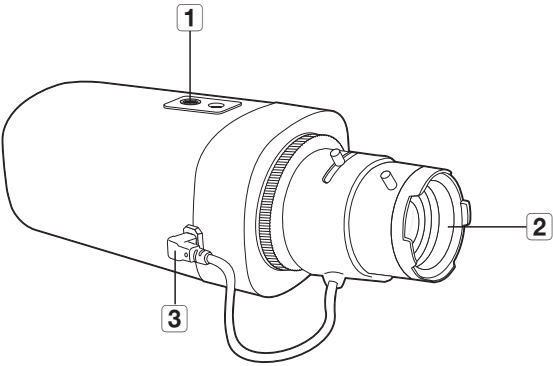
ACCESSORI FORNITI

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	
	Guida Rapida (opzionale)	1	
	Cavo di prova monitor	1	Per verificare la connessione della videocamera ad un dispositivo di visualizzazione portatile
	Morsettiera a 6 poli	1	Per terminali di ingresso/uscita allarme
	Attacco per l'obiettivo	2	Installato tra la fotocamera e l'obiettivo per regolare la messa a fuoco
Opzioni (non incluse)			
	Obiettivo CS/C		Obiettivo opzionale da inserire in una videocamera

SGUARDO D'INSIEME

Lato anteriore

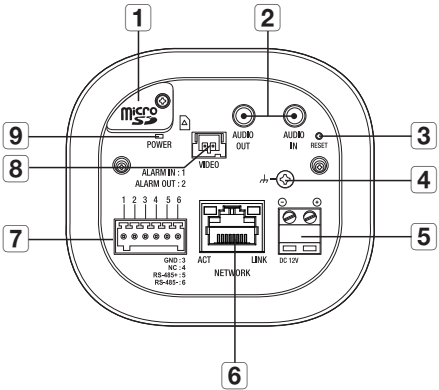


Voce	Descrizione
1 Foro per la vite della staffa di fissaggio	Utilizzato per montare la telecamera su un braccio di supporto. ■ Dimensione della vite : Caratteristiche tecniche delle viti utilizzate per fissare la telecamera al supporto. 1/4" - 20 UNC L: 4,5 mm±0.2mm (standard ISO) o 0,197" (standard ASA)
2 Obiettivo a diaframma automatico (opzionale)	È installato sull'adattatore dell'obiettivo.
3 Connettore dell'obiettivo a diaframma automatico	È utilizzato per l'alimentazione e l'emissione del segnale per il controllo del diaframma dell'obiettivo.

■ La staffa di fissaggio non è inclusa.
Per ulteriori informazioni sull'utilizzo della staffa di montaggio fare riferimento alla documentazione del prodotto.



Lato posteriore



Voce	Descrizione	
1 Alloggiamento scheda di memoria Micro SD	Scompartimento per scheda di memoria Micro SD.	
2 Terminale audio	AUDIO OUT	Per il collegamento agli altoparlanti.
	AUDIO IN	Per il collegamento a un microfono.
3 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 nella rete non è presente nessun server DHCP, è necessario eseguire il programma Device manager per modificare le impostazioni di rete di base, come indirizzo IP, Subnet mask, Gateway, ecc. prima di potersi collegare alla rete.	
4 Porta di collegamento a massa per la protezione contro le scariche atmosferiche	Per scaricare all'esterno la corrente dei fulmini allo scopo di proteggere la telecamera.	
5 Porta di alimentazione	È utilizzata per collegare il cavo di alimentazione.	

Voce	Descrizione	
6 Porta Rete	Per collegare il cavo PoE o Ethernet per il collegamento alla rete.	
7 Porta di ingresso/uscita allarme	ALARM IN	Utilizzato per collegare il sensore in entrata di allarme oppure il sensore esterno Giorno/notte.
	ALARM OUT	È utilizzata per collegare il segnale di uscita allarme.
	GND	È utilizzata per il collegamento a massa.
	RS-485+	RS-485 Data line
	RS-485-	RS-485 Data line
8 Uscita video	Porta di uscita per il monitoraggio di test dell'uscita video. Utilizzare il cavo di collegamento al monitor di test per collegarsi a un monitor portatile e controllare il video.	
9 Indicatori di alimentazione	POWER	ACCESO : Quando l'apparecchio è acceso
		SPENTO : Quando l'apparecchio è spento



- La porta RS-485 supporta solo il collegamento diretto con l'unità panoramica/inclinazione mentre i collegamenti esterni del controller RS-485 non vengono supportati.

INSTALLAZIONE

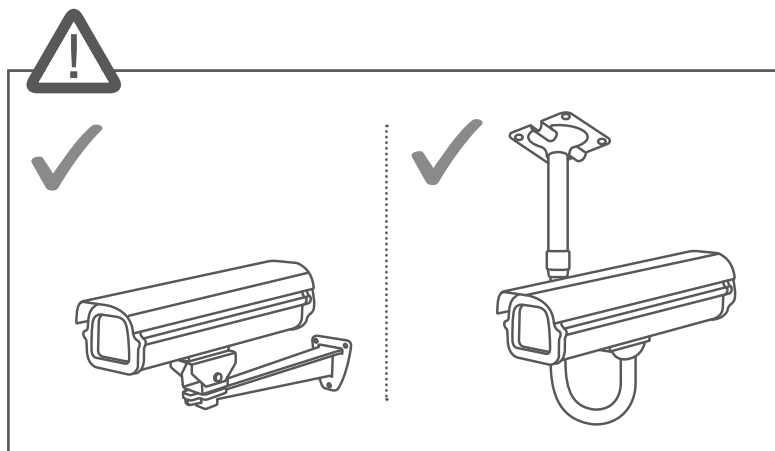


- Lo spinotto della telecamera collegato al cavo esterno non è impermeabile. È consigliabile installare questo prodotto sotto il bordo della grondaia per evitare che il cavo sia esposto all'esterno.

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.
- Quando si installa la telecamera, è consigliabile montare un alloggiamento (venduto a parte).



MONTAGGIO DELL'OBIETTIVO

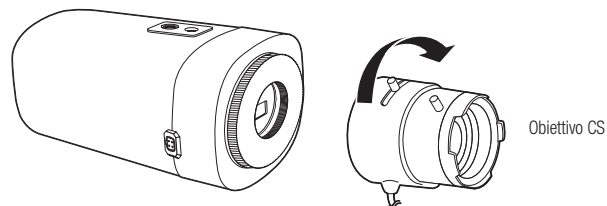
Prima di procedere scollegare l'alimentazione.



- Gli obiettivi C/CS e l'adattatore C-mount non sono inclusi nella confezione del prodotto. Il megaobiettivo deve essere utilizzato solo a questo scopo.

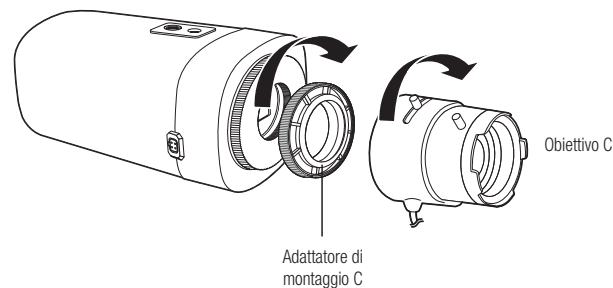
Montaggio dell'obiettivo CS su una videocamera

Girare l'obiettivo CS in senso orario per fissarlo.



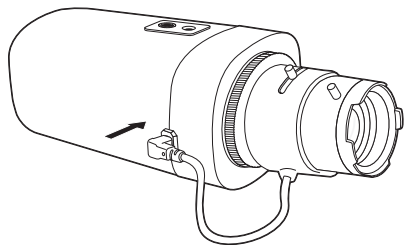
Montaggio dell'obiettivo C su una videocamera

Girare l'adattatore C in direzione oraria e girare gli obiettivi C in senso orario.



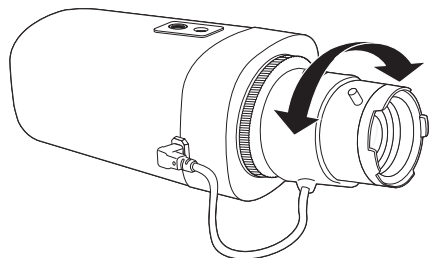
Collegamento del connettore dell'obiettivo a diaframma automatico

Collegare il connettore di diaframma degli obiettivi nell'incavo per la connessione della telecamera.



Messa a fuoco

Selezionare un elemento da filmare, girare la leva per lo zoom degli obiettivi per aggiustare la funzione di ingrandimento e successivamente mettere a fuoco gli obiettivi in modo che l'elemento filmato sia visualizzato in maniera chiara.



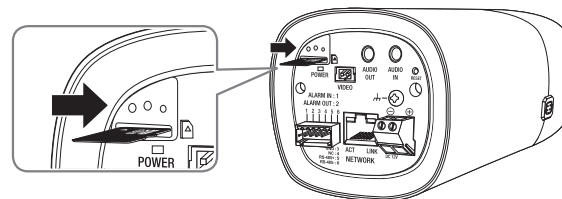
- Se non è possibile regolare la messa a fuoco, inserire uno o due supporti per l'obiettivo tra la fotocamera e l'obiettivo, montarli e quindi regolare nuovamente la messa a fuoco.

INSERIMENTO/ESTRAZIONE DI UNA SCHEDA DI MEMORIA MICRO SD

- Scollegare il cavo di alimentazione dalla videocamera prima di inserire la scheda di memoria Micro SD.
- Non inserire, forzandola, la scheda di memoria Micro SD se è a rovescio. Altrimenti potrebbe danneggiarsi.

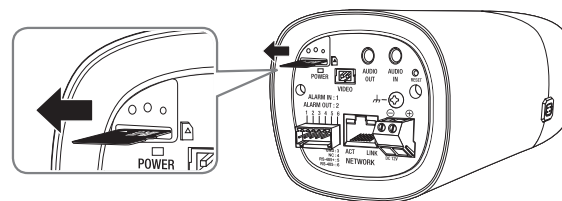
Inserimento di una scheda di memoria Micro SD

Spingere la scheda di memoria Micro SD nella direzione della freccia indicata nella figura.



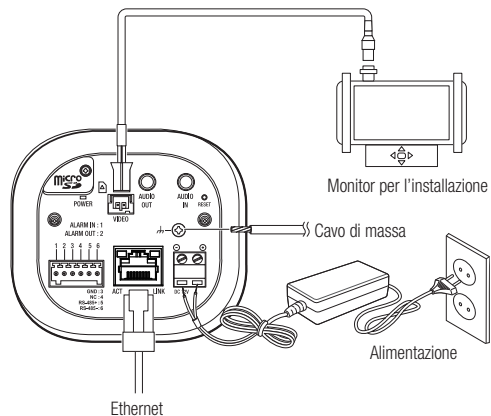
Rimozione di una scheda di memoria Micro SD

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



- Prima di rimuovere la scheda di memoria SD, spegnere la telecamera o andare nella sezione <Memorizz.>, spegnere il dispositivo e premere il pulsante [Applica].
- 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.

COLLEGAMENTO CON ALTRI DISPOSITIVI



-
- Il terminale VIDEO 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.

Alimentazione

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

-
- Si può anche utilizzare un router PoE per alimentare la telecamera.
 - Utilizzare un'alimentazione PoE conforme ai protocolli IEEE 802.3af.
 - 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.

Caratteristiche tecniche per i cavi di alimentazione di ogni modello

In caso di alimentazione DC 12V:

Tipo di cavo (AWG)	#22	#20
Lunghezza del cavo (Max.)	18 m	28 m

Caratteristiche tecniche del cavo di rete

Unità	Contenuti	Osservazione
Connettore	RJ45	
Ethernet	10/100Base-T	10/100 Mbps
Cavo	Categoria 5e	
Distanza massima	100M	
Supporto PoE	IEEE 802.3af	

Messa a terra del prodotto

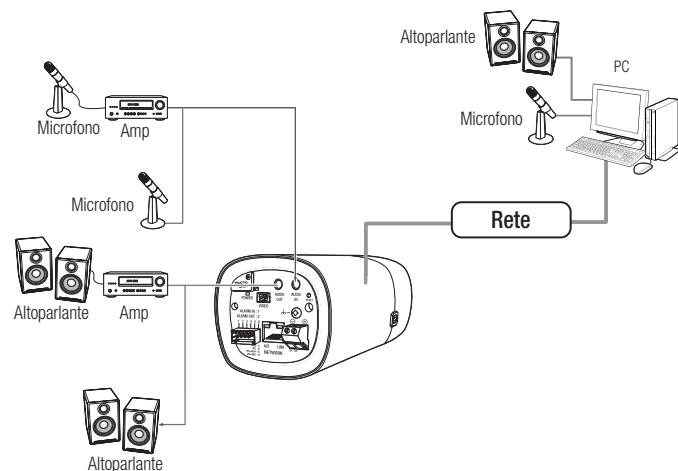
Collegare il cavo di terra al terminale di terra che si trova sopra il terminale di ingresso dell'alimentazione utilizzando un cacciavite.

-
- La messa a terra protegge il prodotto da sovraccorrente o da scariche atmosferiche.
 - Durante la messa a terra, accertarsi che il prodotto sia spento.

Cavo di messa a terra raccomandato

- Lunghezza : Inferiore a 3m
- Sezione conduttore : 18 AWG o maggiore
Es) UL1007 AWG 18/16, UL1015 AWG18/16/14/12, UL2468 AWG18/16/14

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

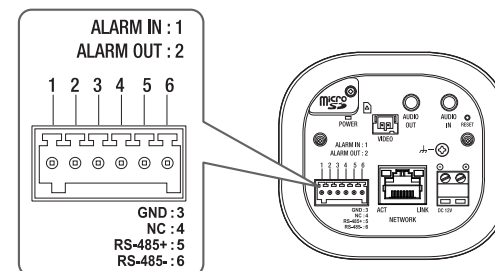
- Ingresso audio : G.711 PCM (Bit rate: 64 kbps / Frequenza di campionamento: 8 kHz), G.726 ADPCM (Bit rate: 16 Kbps, 24 Kbps, 32 Kbps, 40 Kbps / Frequenza di campionamento: 8 kHz)
- Uscita audio : G.711 PCM (Bit rate: 64 kbps / Frequenza di campionamento: 8 kHz)

• Audio duplex

- **Audio in** : Line-in (jack mono 3,5 mm), tensione supportata: 2,5VDC(4mA), impedenza in ingresso: 2K Ohm
- **Audio out** : Line-out (jack mono 3,5 mm), Uscita massima: 1Vrms
- **Impedenza linea di uscita** : 600Ω

Collegamento alla porta I/O

Collegare il segnale di ingresso/uscita allarme alla porta corrispondente sul lato posteriore.



- **ALARM IN** : Utilizzato per collegare il sensore in entrata di allarme oppure il sensore esterno Giorno/notte.
- **ALARM OUT** : È utilizzata per collegare il segnale di uscita allarme.
- **GND** : È utilizzata per il collegamento a massa.
- **RS-485+** : Porta di comunicazione per il ricevitore RS-485 (+).
- **RS-485-** : Porta di comunicazione per il ricevitore RS-485 (-).

Collegamento di un dispositivo RS-485 esterno

Collegare la videocamera ad un dispositivo esterno mediante le porte [RS-485 +, -].

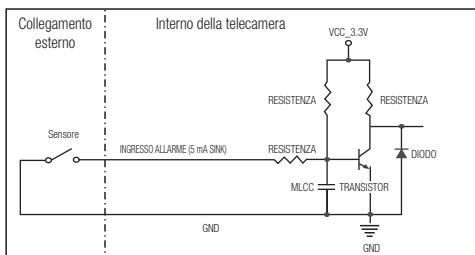
È possibile controllare le operazioni di panoramica/inclinazione della telecamera via le comunicazioni RS-485.

- Per le comunicazioni RS-485 si raccomanda un collegamento di massa. In caso di errori di comunicazione, collegare il connettore di massa in modo opportuno in modo da correggere il livello di massa tra la telecamera e il dispositivo esterno.

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

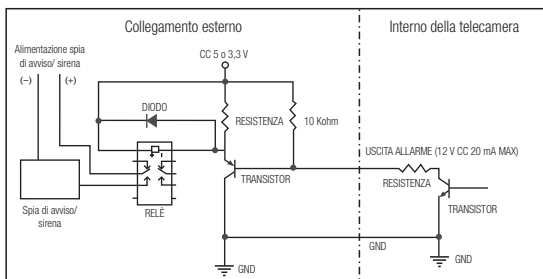


Per collegare l'uscita allarme

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.

Per collegare dispositivi che superano la tensione e la corrente specificate, vedere lo schema di collegamento dell'uscita allarme illustrato di seguito.

Schema di collegamento dell'uscita allarme

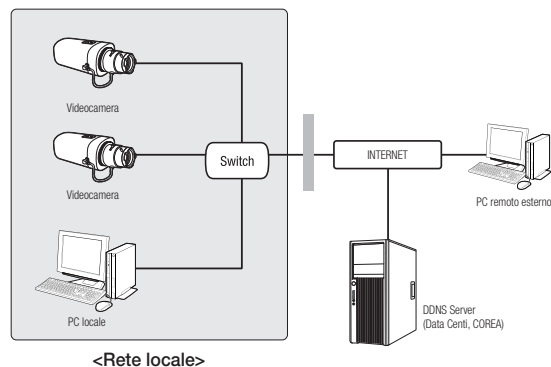


E' possibile impostare le impostazioni di rete secondo le configurazioni di rete.

COLEGARE LA VIDEOCAMERA DIRETTAMENTE ALL'AREA LOCALE DELLA RETE

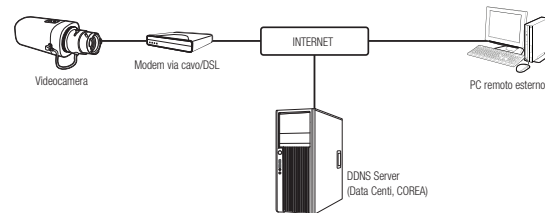
Collegare la videocamera da un PC locale nella LAN

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.
- 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 modificare l'indirizzo IP, utilizzare il Device manager. Per ulteriori dettagli sull'utilizzo di Device manager, fare riferimento a "Utilizzo di Device manager". (Pagina 15)

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

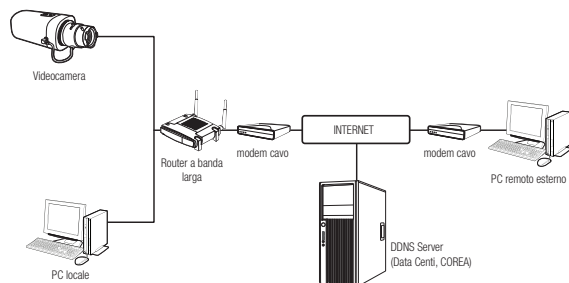


1. Collegare il PC utente direttamente alla rete della telecamera.
2. Eseguire il Device manager e modificare l'indirizzo IP della telecamera in modo da poter utilizzare il browser web sul desktop per connettersi a Internet.
3. Utilizzare il browser Internet per collegarsi al visualizzatore Web.
4. Passare 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.

COLEGARE LA VIDEOCAMERA AD UN ROUTER A BANDA LARGA CON CAVO MODEM

Questo va bene per piccoli ambienti come case e negozi.



Configurare le impostazioni di rete dal PC locale collegato al router a banda larga

Configurare le impostazioni di rete del PC collegato ad un Router a banda larga, seguire le istruzioni sotto.

- Selezionare : <Network> → <Properties> → <Local Area Connection> → <General> → <Properties> → <Internet Protocol (TCP/IP)> → <Properties> → <Obtain an IP address automatically> o <Use the following IP address>.

- Seguire le istruzioni sotto se si seleziona <Use the following IP address>:

Es. 1) Se l'indirizzo (LAN IP) dell'Router a banda larga è 192.168.1.1

Indirizzo IP : 192.168.1.100
Maschera Sottorete : 255.255.255.0
Default Gateway : 192.168.1.1

Es. 2) Se l'indirizzo (LAN IP) dell'Router a banda larga è 192.168.0.1

Indirizzo IP : 192.168.0.100
Maschera Sottorete : 255.255.255.0
Default Gateway : 192.168.0.1

Es. 3) Se l'indirizzo (LAN IP) dell'Router a banda larga è 192.168.xxx.1

Indirizzo IP : 192.168.xxx.100
Maschera Sottorete : 255.255.255.0
Default Gateway : 192.168.xxx.1

- Per l'indirizzo dell'Router a banda larga, fare riferimento alla documentazione del prodotto.
- Per ulteriori informazioni sul port forwarding del router a banda larga, vedere "Impostazione dell'inoltro intervallo porte (mappatura delle porte)". (Pagina 17)

UTILIZZO DI DEVICE MANAGER

- Il programma Device manager può essere scaricato dal menu <Support> → <Online Tool> sul sito web di Hanwha Vision (<https://www.HanwhaVision.com>).
- È possibile trovare ulteriori istruzioni sul Device manager nel menu <Guida> nella pagina principale.

RICERCA AUTOMATICA DELLA TELECAMERA

Se una telecamera è collegata alla stessa rete del PC in cui è installato Device manager, è possibile trovare la telecamera di rete utilizzando la funzione di ricerca.

- Fare clic su <Ricerca> nella pagina principale di Device manager.
- Selezionare la telecamera dall'elenco.
 - Controllare l'indirizzo MAC sull'adesivo attaccato alla telecamera.

CONFIGURAZIONE DELLA PASSWORD

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

CONFIGURAZIONE DELL'INDIRIZZO IP

Se si desidera modificare le impostazioni di rete della telecamera, il simbolo <Login OK> deve essere visualizzato su <Stato>. Fare clic su <Autenticazione> nella pagina principale per accedere.

Configurazione dell'IP statico

Inserire e configurare manualmente le informazioni relative all'indirizzo IP e alla porta.

- Dall'elenco, fare clic sulla telecamera di cui si desidera modificare l'impostazione IP.
- Fare clic su <IP assegnare> nella pagina principale di Device manager.
- Selezionare <Assegna il seguente indirizzo IP>.
 - Le informazioni IP della telecamera verranno visualizzate come precedentemente impostato.
- Compilare le categorie relative a IP e porta.

Assegna IP - Dispositivo Singolo

☐ Ottieni un indirizzo IP automaticamente (DHCP)
☒ Assegna il seguente indirizzo IP *

MAC Address : 00:00:10:00:00:00

Indirizzo IP : 192.168.0.1 HTTP Porta : 80

Subnet mask : 255.255.255.0 VMP Porta : 4520

Gateway : 192.168.0.1 RTSP Porta : 554

DNS1 : 192.168.0.1

DNS2 : 192.168.0.2

Applica Chiudi

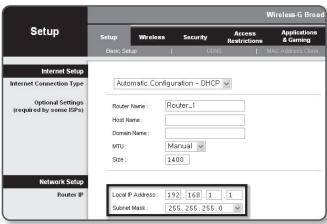
Se non si usa un router a banda larga

Chiedere al gestore di rete il valore impostato di <Indirizzo IP>, <Subnet mask> e <Gateway>.

- HTTP Porta : È utilizzata per accedere alla videocamera utilizzando il browser Internet (impostazione predefinita: 80).
- RTSP Porta : Una porta che controlla lo streaming in tempo reale. Il valore iniziale è 554.

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 delle porte)". (Pagina 17)

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	Indirizzo IP	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 Porta	8080	8081
	RTSP Porta	554	555

- 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

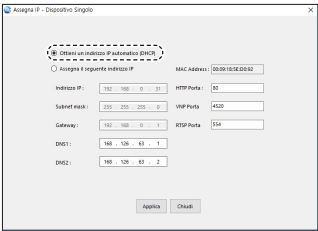
5. Fare clic sul pulsante [Applica].
6. Se viene visualizzato il messaggio di successo, fare clic su [OK].

Configurazione dell'IP dinamico

Ricevere l'indirizzo IP da DHCP

- 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

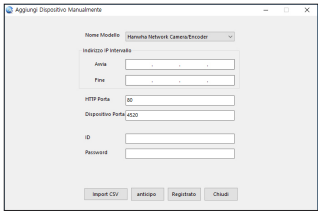
1. Dall'elenco, fare clic sulla telecamera di cui si desidera modificare l'impostazione IP.
2. Fare clic su <IP assegnare> nella pagina principale di Device manager.
3. Selezionare <Ottieni un indirizzo IP automatico (DHCP)>.
4. Fare clic sul pulsante [Applica].
5. Se viene visualizzato il messaggio di successo, fare clic su [OK].



REGISTRAZIONE MANUALE DELLA TELECAMERA

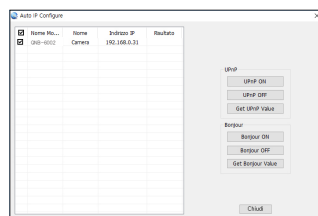
Se non è possibile trovare la telecamera utilizzando la funzione di ricerca, la telecamera può essere registrata a distanza inserendo manualmente le informazioni IP, se la telecamera è collegata a una rete esterna.

1. Fare clic su <Indirizzo> – <Aggiungi Dispositivo Manualmente> nella pagina principale di Device manager.
2. Inserire l'intervallo di indirizzi IP che si ricerca.
3. Selezionare il <Nome Modello> della telecamera registrata e inserire la porta HTTP, l'ID e la password.
4. Fare clic sul pulsante [Registrato].
5. Controllare che la telecamera sia registrata.
 - Controllare l'indirizzo MAC sull'adesivo attaccato alla telecamera.



CONFIGURAZIONE AUTOMATICA DELL'IP

1. Dall'elenco, fare clic sulla telecamera di cui si desidera configurare automaticamente l'IP.
2. Fare clic su < + > nella pagina principale di Device manager.
 - Appare il menu Impostazione apparecchiatura.
3. Nel menu, fare clic su <Auto IP Configure (Configurare IP automatico)>.
4. Fare clic sul pulsante [Chiudi].



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

1. Dal menu di configurazione del router a banda larga, selezionare <Applications & Gaming> - <Port Range Forward>.

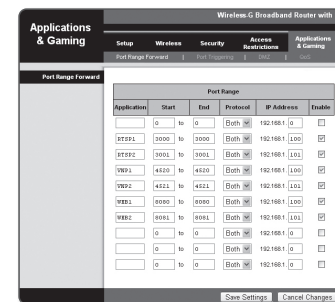
Per impostare l'inoltro intervallo porte per un router a banda larga di terzi, consultare il Manuale utente del router a banda larga in questione.

2. 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.

3. A operazione ultimata, fare clic su [Save Settings].

Le impostazioni vengono salvate.

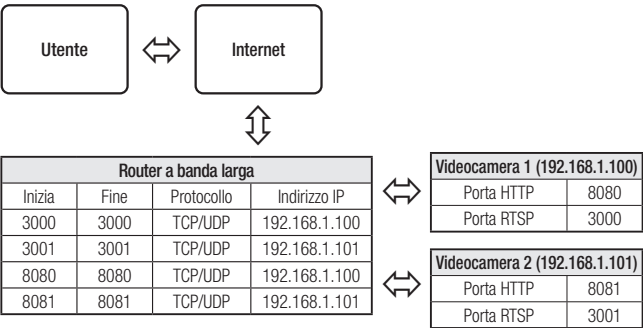


- L'impostazione di inoltro della porta è un esempio di impostazione del router IP CISCO.
- Le impostazioni possono differire a seconda del modello di router a banda larga collegato. Per ulteriori informazioni, consultare il manuale utente del router.

Impostazione del port range forwarding per più videocamere di rete

- È possibile impostare una regola di inoltr 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> in "Impostazioni -> Rete -> DDNS".

COLLEGAMENTO ALLA VIDEOCAMERA DA UN PC LOCALE CONDIVISO

1. Eseguire Device manager.
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

Su un computer remoto che non si trova nella rete del Router a banda larga, il cluster non è consentito. Gli utenti possono accedere alle telecamere all'interno della rete di un Router a banda larga utilizzando l'URL DDNS della telecamera.

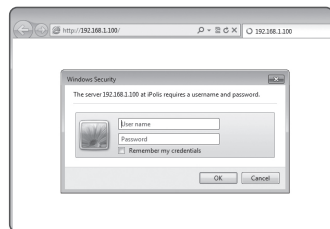
1. Prima di accedere alla videocamera nella rete del router a banda larga, bisogna aver impostato l'inoltro intervallo porte per il router a banda larga.
2. Dal PC remoto, avviare il browser Internet e digitare l'indirizzo URL DDNS della videocamera o l'indirizzo IP del router a banda larga nella barra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

- Per utilizzare il DDNS, iscriversi alla homepage del DDNS (<http://ddns.hanwha-security.com>) e registrare il prodotto su [Il mio DDNS]>[Registrazione prodotto].

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
- 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 videocamera è collegata direttamente a un modem via cavo DHCP, a un modem DSL o a un modem PPPoE, l'indirizzo IP della rete cambia ogni volta che si tenta di connettersi al server dell'ISP (Internet Service Provider).

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 <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.



- 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.

Administrator password change

New password

Confirm new password

. If the password is 8 to 9 letters long, then it should be a combination of at least three types: upper/lower case alphabets, numbers and special characters.
 . If the password is 10 to 15 letters long, then it should be a combination of at least two types: upper/lower case alphabets, numbers and special characters.
 . User name should be different from password.
 . The following special characters are available for use: ~!@#\$\$%^&*()_~+=|{}[]:./
 . Don't use 4 or more characters consecutive together. (examples: 1234, abcd)
 . Don't use 4 or more characters repeated. (examples: 111, 1111, aaaa)

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.

Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel

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.

RICERCA DEGLI ERRORI

PROBLEMA	SOLUZIONE
Quando un utente di Windows 10 accede al visualizzatore del web tramite Chrome o Firefox, il volume del suono del microfono cambia periodicamente.	Questo si verifica quando il driver del microfono è stato impostato su Realtek. Installare il dispositivo di Audio ad Alta definizione (Driver predefinito di Windows) oppure un driver di terze parti come driver per il microfono.
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 telecamera collegata alla rete non viene rilevata nel programma Device manager.	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
La voce non viene registrata anche se le impostazioni di ingresso audio sono state configurate.	È necessario abilitare la casella di selezione <Ingresso Audio> nella sezione <Basic> - <Profilo video>.
<Rilevazione del movimento> 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: 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.
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.

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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	
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Component Name	License	URL
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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

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

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

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 2. The Header File; provided that the Header File shall be distributed together with the Binary Code of the Ported Source Code.
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Julian Seward, jseward@bzip.org

bzip2/libbzip2 version 1.0.5 of 10 December 2007

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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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