

WISeNeT

TELECAMERA A POSIZIONAMENTO TERMICO

Manuale utente

TNU-4041T

TNU-4051T



TELECAMERA A POSIZIONAMENTO TERMICO

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 24 V AC (50 o 60 Hz) min.6 A.
16. Se si applica una pressione eccessiva durante l'installazione del prodotto, la telecamera potrebbe danneggiarsi e funzionare male.
Se il prodotto è installato forzatamente utilizzando prodotti non conformi, il prodotto potrà danneggiarsi.
17. Non installare il prodotto in un luogo in cui sono presenti o potrebbero essere generate sostanze chimiche o miscele d'olio. Poiché gli oli commestibili come l'olio di soia possono danneggiare o deformare il prodotto, non installarlo nella cucina o vicino al tavolo della cucina.
Ciò potrebbe provocare danni al prodotto.
18. Durante l'installazione del prodotto, prestare attenzione a non far macchiare la superficie con la sostanza chimica.
Alcuni solventi chimici come detersivi o adesivi potrebbero causare gravi danni alla superficie del prodotto.
19. Se il prodotto viene installato/smontato in una modalità che non è stata raccomandata, le funzioni/performance della produzione potrebbero non essere garantite.
Installare il prodotto facendo riferimento a "Installazione e collegamento" nel manuale utente.
20. L'installazione o l'utilizzo del prodotto in acqua può causare gravi danni allo stesso.

AVVERTENZA

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

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

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

ATTENZIONE

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

SPIEGAZIONE DEI SIMBOLI GRAFICI



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



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

Prodotto di classe I

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

Batteria

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

Scollegamento del dispositivo

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

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

ATTENZIONE

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

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

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

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.

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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CARATTERISTICHE DEL PRODOTTO

- **Protezione contro polvere/acqua (IP66)**

La struttura a tenuta di polvere e impermeabile non provoca problemi in caso di installazione del prodotto all'aperto o esposto alla pioggia.

- **Rilevamento modifica temperatura**

Un evento viene generato quando il valore della temperatura dell'immagine di ingresso della telecamera viene analizzato ed è maggiore o minore del valore di soglia.

- **Supporta video in risoluzione pixel VGA**

Risoluzione VGA (640x480 pixels) telecamera termica: La telecamera termica è un dispositivo che mostra la distribuzione della temperatura in un'immagine termica a risoluzione VGA (640X480) rilevando la temperatura della superficie dell'oggetto senza fare contatto.

- **Streaming multiplo**

Questa videocamera di rete può visualizzare contemporaneamente video in risoluzioni e qualità diverse con codec diversi.

- **Monitoraggio mediante browser Web**

Utilizzo del browser Web di Internet per visualizzare l'immagine in un ambiente di rete locale.

- **Allarme**

Quando si verifica un evento, il video viene inviato all'indirizzo email registrato dall'utente, oppure inviato al server FTP, salvato in una scheda SD Micro o NAS; oppure un segnale verrà inviato al terminale della notifica in uscita.

- **Rilevazione del movimento**

Rileva il movimento dall'ingresso video della videocamera.

- **Rilevazione audio**

Rileva i suoni più forti di un certo di livello specificato dall'utente.

- **Rilevazione automatica della rete disconnessa**

Rileva lo scollegamento della rete prima dell'attivazione di un evento.

- **Rilevamento urti**

Un allarme viene generato quando avviene un urto.

- **Funzione IVA (Intelligent Video Analysis - Analisi Video Intelligente)**

Rileva il movimento o la situazione che soddisfa le norme dell'evento configurato.

- **Classificazione sorgente sonora**

Rileva una sorgente sonora specificata dall'utente.

- **Conformità ONVIF**

Questo prodotto supporta ONVIF Profile S&G.
Per ulteriori informazioni, vedere www.onvif.org.



SPECIFICHE PC CONSIGLIATE

- CPU : Intel(R) Core(TM) i7 3.4 GHz o superiore
- RAM : 8G o superiore
- Sistema operativo supportato : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12
- Webviewer
Browser consigliato: Google Chrome 63
Browser supportati: IE11, MS Edge 41, Mozilla Firefox 57 (solo Windows 64 bit), Apple Safari 11 (solo Mac OS X)

SPECIFICHE MICRO SD/SDHC/SDXC SCHEDA DI MEMORIA CONSIGLIATE

- 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
QNAP 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.

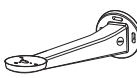


- Se si utilizza un'apparecchiatura NAS per uno scopo diverso dal salvataggio di video, il numero di telecamere in entrata supportato potrebbe variare.

ACCESSORI FORNITI

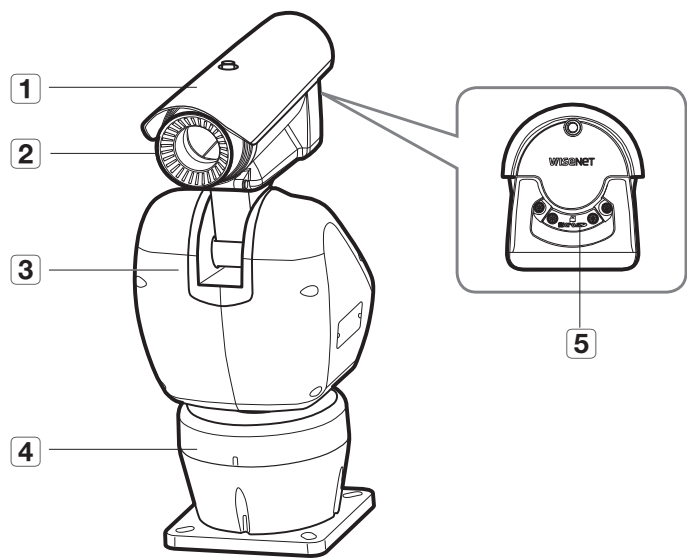
Verificare che nella confezione siano contenuti la videocamera e tutti gli accessori.
(In base al Paese di residenza, gli accessori potrebbero variare.)

Aspetto	Articolo	Quantità	Descrizione
	Unità principale telecamera	1	-
	DVD con istruzioni e software di installazione	1	-
	Guida Rapida (opzionale)	1	-
	Certificato di garanzia (opzionale)	1	-
	Calotta parasole	1	Protegge la videocamera dalla luce diretta del sole.
	Supporto calotta parasole	1	Fissa la calotta parasole alla videocamera.
	Star-Shape wrench	1	Per attaccare il coperchio dello slot di memoria
	Accessorio impermeabile RJ45	1	Usato per l'installazione in luoghi umidi

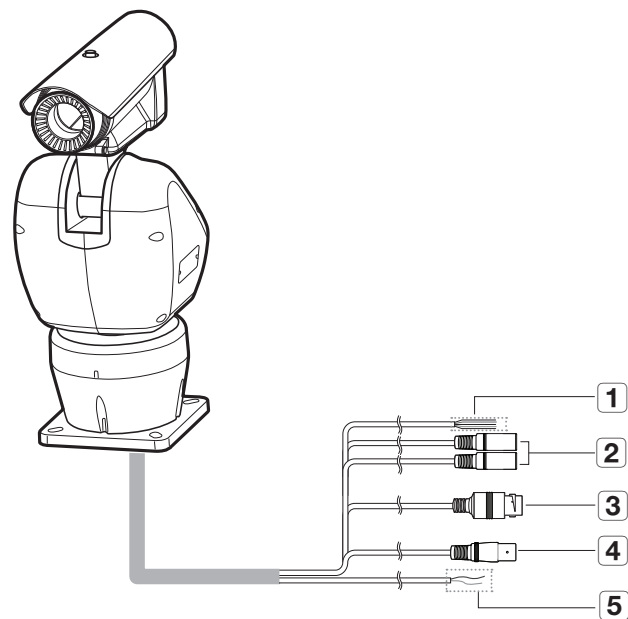
Aspetto	Articolo	Quantità	Descrizione
Staffa per montaggio a parete (non incluse)			
	Staffa per montaggio a parete	1	Usato durante l'installazione della telecamera al muro
	Bulloni a chiave(M5 X 20) / Rondelle piatte	3/3	Per il collegamento del corpo principale e della staffa.
	Bulloni (M3 x 8)	8	Per collegare il coperchio per il cablaggio
	O-ring	1	Per il collegamento del corpo principale e della staffa.

SGUARDO D'INSIEME

Aspetto



Cavi



Voce	
1	Schermo parasole
2	Telecamera
3	Unità principale
4	Alloggiamento principale
5	Porta per la scheda Micro SD

Voce	Descrizione
1	Cavo di allarme Cavo allarme I/O. (Nero/marrone/rosso/giallo/arancione)
2	Cavo dell'audio Cavo audio I/O.
3	Ethernet Collega il cavo Ethernet.
4	Cavo uscita video Per l'uscita video
5	Cavo di alimentazione Cavi per l'alimentazione della telecamera. (Marrone/Blu)

INSTALLAZIONE

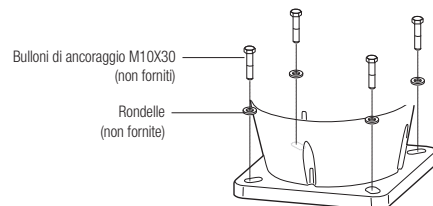
Precauzioni prima dell'installazione

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

- Installare il sistema seguendo le seguenti istruzioni. Se si desidera installarlo seguendo un metodo diverso, si prega di verificare le raccomandazioni in materia di sicurezza inviando anticipatamente una richiesta al produttore.
- Il peso lordo del sistema è di 11,7 kg. È necessario indossare un paio di guanti antiscivolo. Quando si solleva il dispositivo, non afferrare la telecamera ma il corpo.
- Deve essere installato nell'area (soffitto o parete) in grado di sostenere un peso 4 volte superiore a quello della telecamera, incluso il supporto di installazione.
- 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.

Installare il dispositivo al pavimento

1. Installare il piedistallo al pavimento



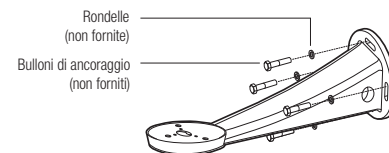
- Sugeriamo di usare i bulloni di ancoraggio M10X30 o di installare la telecamera sul cemento.
- Usare viti in grato di reggere un peso 4 volte superiore al peso totale dell'apparecchiatura.

Accessori opzionali per l'installazione

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

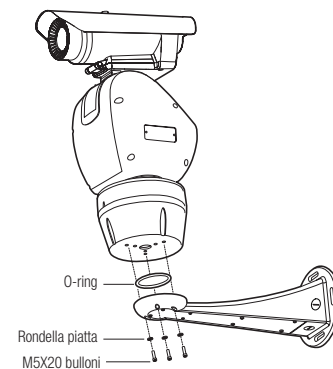
■ Montaggio a muro usando la staffa

1. Collegare la parte laterale della staffa al muro usando i 4 bulloni di ancoraggio (non forniti).

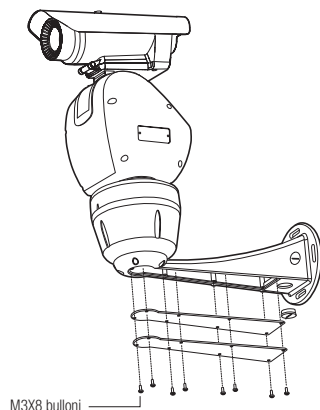


- Sugeriamo di usare i bulloni di ancoraggio M10X30 o di installare la telecamera sul cemento.
- Usare viti in grato di reggere un peso 4 volte superiore al peso totale dell'apparecchiatura.

2. Assemblare il corpo principale e la staffa utilizzando 3 viti a testa esagonale.



3. Dopo aver organizzato i cavi come mostrato nell'immagine, assemblare il coperchio.



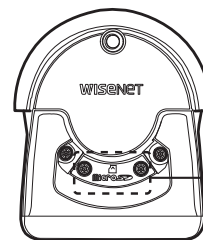
INSERIMENTO/ESTRAZIONE DI UNA SCHEDA DI MEMORIA MICRO SD



- 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.
- Quando piove e si ha un alto livello di umidità, non è consigliabile inserire o estrarre una scheda Micro SD.

Staccare il coperchio per l'inserimento della scheda Micro SD

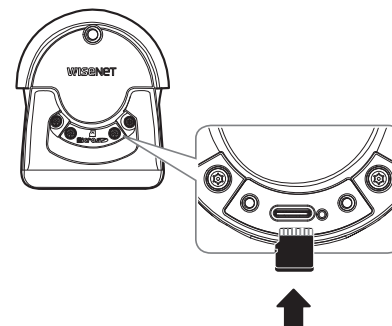
Utilizzare la chiave a stella per rimuovere il coperchio per l'inserimento della scheda Micro SD.



Coperchio per l'inserimento della scheda Micro SD

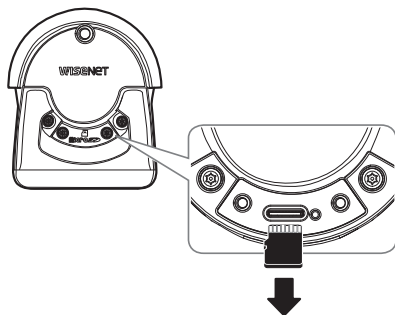
Inserimento di una scheda di memoria Micro SD

Inserire la scheda Micro SD nel verso della freccia raffigurata nell'immagine.



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.



- Se si esercita una pressione eccessiva sulla scheda di memoria Micro SD, quando la si rilascia questa può saltare fuori dallo slot in modo incontrollato.
- 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.

INFORMAZIONE SCHEDA DI MEMORIA (NON INCLUSO)

Cos'è una scheda di memoria?

La scheda di memoria è un dispositivo di massa esterno che è stato sviluppato per offrire un modo completamente nuovo per registrare e condividere video, audio e testo dati usando dispositivi digitali.

Selezionare una scheda di memoria adatta a voi

La telecamera supporta schede di memoria Micro SD/SDHC/SDXC.

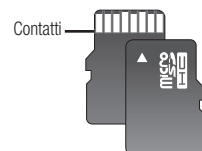
Potreste, comunque, avere problemi di compatibilità secondo il modello e tipi di scheda di memoria.

Per questa telecamera si raccomandano i seguenti tipi di memory card dei seguenti fabbricanti.

- Fabbricante : SanDisk, Transcend
- Famiglia del prodotto : Elevata durata

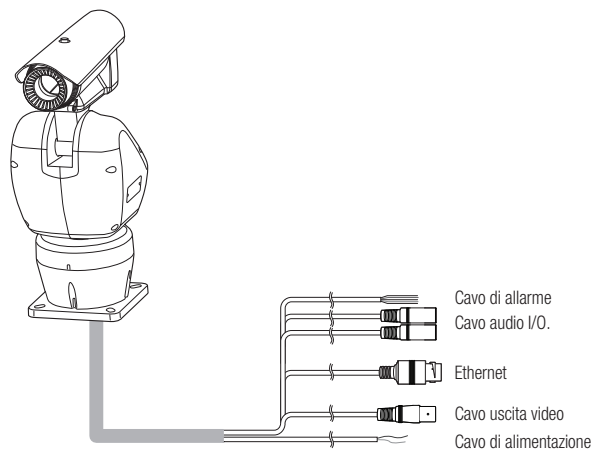
Si suggerisce di usare una scheda di memoria da 16 a 256GB (Tipo MLC) per questa telecamera.

Le prestazioni del Playback possono venire influenzate a seconda della velocità della scheda di memoria.

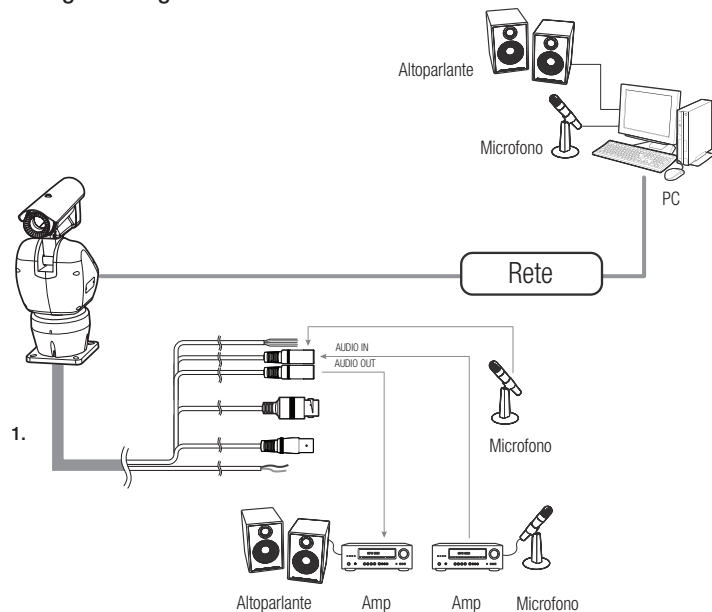


Micro SD/SDHC/SDXC

COLLEGAMENTO CON ALTRI DISPOSITIVI

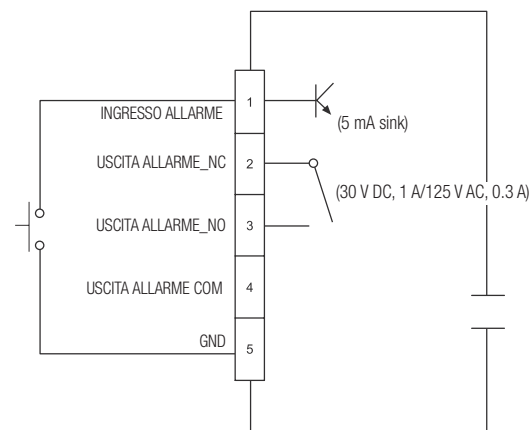


Collegare all'ingresso/uscita audio



1. Collegare la porta AUDIO IN della videocamera con il microfono direttamente sulla porta USCITA dell'amplificatore al quale è collegato il microfono.
2. Collegare la porta AUDIO OUT della fotocamera con la porta LIVEA INGRESSO dell'altoparlante.
3. Controllare le specifiche per l'ingresso audio.
 - **Audio Codec** : G.711 PCM. μ -law 64kbps 8kHz campione
 - **Audio duplex**
 - **Audio in** : Usato per segnale d'ingresso mono (Max.2,4 Vpp)
 - **Audio out** : Usato per segnale d'uscita mono (Max.2,4 Vpp)
 - **Impedenza linea di uscita** : 600 Ω

Schema elettrico I/O allarme



Come collegare i cavi esterni

Collegare i cavi esterni facendo riferimento alla tabella sottostante.

- Collegare uno a uno i cavi di ingresso/uscita allarme per ciascun terminale.

Stampa etichetta	COLORE	Descrizione	Commenti
ALLARME_IN ENTRATA	Nero	Terminale per collegare il segnale di allarme esterno in entrata	
GND	Marrone	Terminale comune (GND) per collegare il segnale di allarme esterno in entrata	
USCITA ALLARME NO	Rosso	Terminale (NO) per collegare il segnale Relè in uscita	
USCITA ALLARME COM	Giallo	Terminale (GND) per collegare il segnale Relè in uscita	
USCITA ALLARME NC	Arancione	Terminale (NC) per collegare il segnale Relè in uscita	

Collegamento Ethernet

Collegare il cavo Ethernet alla rete locale o a Internet.

Alimentazione

Collegare la linea dell'adattatore di corrente al terminale di alimentazione in entrata della telecamera.

Unità	COLORE
Alimentazione principale	MARRONE
	BLU

- Assicurarsi di collegare l'alimentazione AC 24 V (non polare) mentre l'alimentazione è spenta.

Specifiche del cavo di alimentazione 24 V CA

Tipo di cavo (AWG)	#22	#20	#18
Lunghezza del cavo (Max.)	34 m	55 m	88 m

Caratteristiche tecniche del cavo di rete

Unità	Contenuti	Osservazione
Connettore	RJ45	
Ethernet	10/100Base-T	10/100 Mbps
Cavo	Categoria UTP 5e	
Distanza massima	100M	

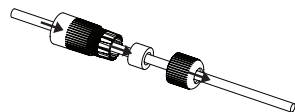
Resistenza elettrica del filo di rame a [20 °C (68 °F)]

Diametro del filo di rame (AWG)	#24(0,22mm²)	#22(0,33mm²)	#20(0,52mm²)	#18(0,83mm²)
Resistenza (Ω/m)	0,078	0,050	0,030	0,018
Caduta di tensione (V/m)	0,028	0,018	0,011	0,006
Distanza raccomandata (m)	Meno di 20	Meno di 30	Meno di 30	Meno di 30

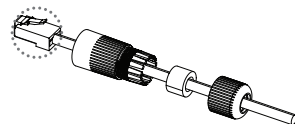
- Come indicato nella tabella sopra, a seconda della lunghezza del filo è possibile incontrare un buco di tensione. Se si utilizza un filo troppo lungo per il collegamento della videocamera, la videocamera potrebbe non funzionare correttamente.
- Tensione di funzionamento della videocamera : 24 V CA $\pm$ 10%
 - Le misurazioni della caduta di tensione sul grafico in alto possono variare a seconda del tipo e della costruzione del filo di rame.

Come collegare il cavo impermeabile RJ45 al cavo della LAN

1. Inserirlo nella direzione della freccia.

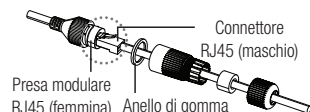


2. Collegare il connettore della LAN (maschio) al cavo.

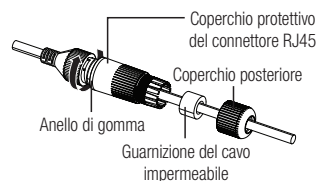


3. Collegare la presa modulare RJ45 (femmina) al connettore RJ45 (maschio).

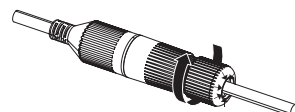
- ! ■ Mantenere separati i componenti.



4. Eseguire l'installazione facendo ruotare la presa modulare RJ45 (femmina) e il coperchio di protezione RJ45 in senso orario (seguire la direzione della freccia).



5. Mettere insieme le parti facendo ruotare il coperchio protettivo RJ45 e il coperchio posteriore in senso orario (Seguire la direzione della freccia). Una volta montato il coperchio posteriore, la guarnizione del cavo impermeabile è fissata saldamente al cavo per renderlo impermeabile.

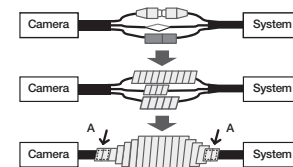


- ! ■ È necessario completare l'assemblaggio per ruotare il coperchio posteriore fino alla fine della filettatura della vite del connettore RJ45.

Installazione all'esterno

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

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



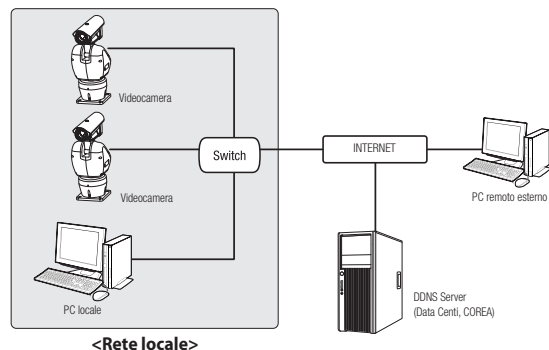
- ! ■ Se la guaina del cavo non è impermeabilizzata correttamente, può causare direttamente perdite. Accertarsi di proteggere il cavo con uno strato spesso di nastro.
- Il nastro butilico impermeabilizzante è in gomma butilica ed è in grado di allungarsi al doppio della lunghezza normale.
- Non è necessario avvolgere il nastro di gomma butilica separatamente poiché il cavo del connettore LAN è impermeabile.

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

COLEGARE LA VIDEOCAMERA DIRETTAMENTE ALL'AREA LOCALE DELLA RETE

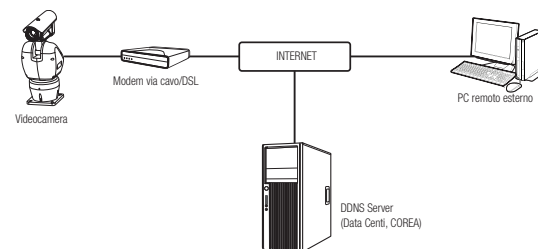
Collegare la videocamera da un PC locale nella LAN

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 17)

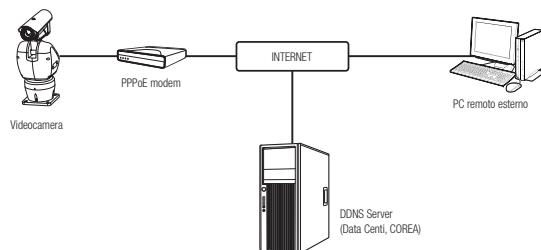
COLLEGAMENTO DELLA VIDEOCAMERA DIRETTAMENTE AD UN MODEM VIA CAVO/DSL DHCP



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 [Setup].
5. Passare a [Network] – [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.

COLLEGAMENTO DELLA VIDEOCAMERA DIRETTAMENTE A UN MODEM PPPoE

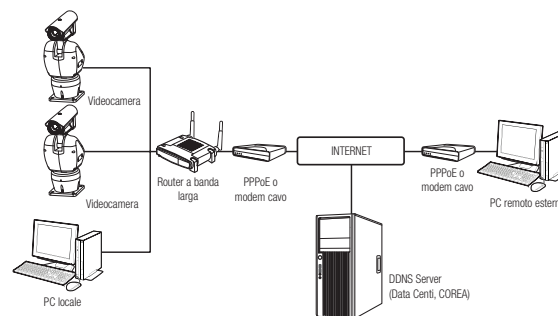


1. Collegare il PC utente direttamente alla rete della telecamera.
2. Eseguire il programma IP Installer e modificare l'indirizzo IP della videocamera in modo da poter utilizzare il browser Web sul desktop per collegarsi a Internet.
3. Utilizzare il browser Internet per collegarsi al visualizzatore Web.
4. Passare alla pagina **[Setup]**.
5. Passare a **[Network] – [DDNS]** e configurare le impostazioni DDNS.
6. Andare a **[Basic] – [IP & Porta]** Pagina delle impostazioni, impostare il tipo di rete a **[PPPoE]**, e immettere il nome e utente e la password.
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 PPPoE/CAVO MODEM

Questo va bene per piccoli ambienti come case e negozi.



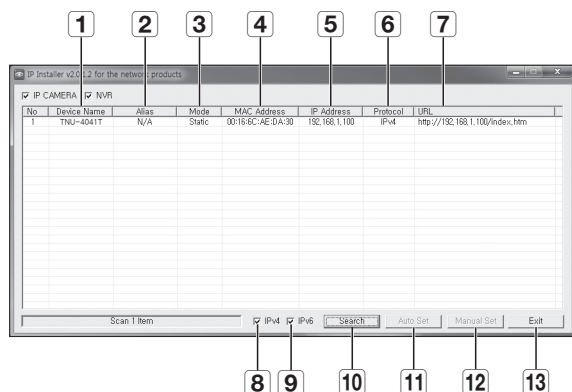
Configurare le impostazioni di rete dal PC locale collegato al router a banda larga

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 del 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 della porte)"**. (Pagina 19)

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>, <Dynamic> o <PPPoE> 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 <Assistenza Clienti> - <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.

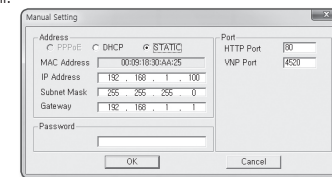
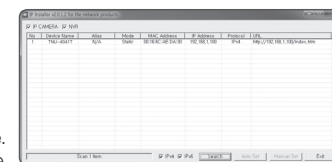


- Nelle videocamere trovate con impostazione IPv6, questi tasti sono disabilitati dato che le videocamere non supportano questa funzione.

- 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

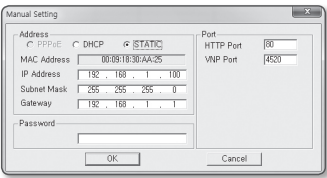
Per l'impostazione di <IP Address>, <Subnet Mask> e <Gateway>, contattare l'amministratore di rete.

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.



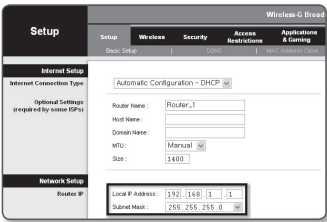
- Per ragioni di sicurezza, è raccomandabile usare una combinazione di numeri, lettere maiuscole e minuscole e caratteri speciali per la creazione della propria password.
- Per informazioni su come modificare la password fare riferimento alla guida online di Web Viewer.

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 porta)". (Pagina 19)

Se al router a banda larga sono collegate più videocamere

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

Es)

	Categoria	Video #1	Video #2
Impostazioni correlate dell'IP	IP Address	192.168.1.100	192.168.1.101
	Subnet Mask	255.255.255.0	255.255.255.0
	Gateway	192.168.1.1	192.168.1.1
Impostazioni correlate della porta	HTTP Port	8080	8081
	VNP Port	4520	4521

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

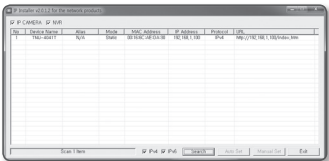
Configurazione automatica della rete

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

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

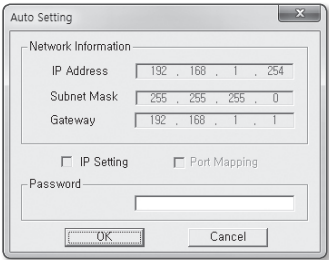
- Nelle videocamere trovate con impostazione IPv6, questi tasti sono disabilitati dato che le videocamere non supportano questa funzione.

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



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

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



4. Fare clic su [OK].
La configurazione automatica della rete viene completata.

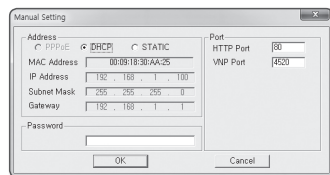
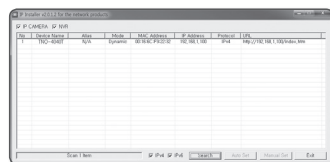
CONFIGURAZIONE IP DINAMICO

Configurazione dell'ambiente dell'IP dinamico

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

Selezione dell'IP dinamico

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

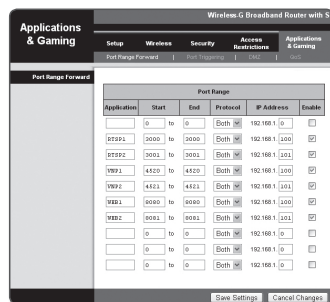


IMPOSTAZIONE DELL'INOLTRO INTERVALLO PORTE (MAPPATURA DELLA PORTE)

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.
Ogni numero di porta per il router a banda larga deve corrispondere a quello specificato in <Setup> - <Basic> - <IP & Porta> nel menu del visualizzatore Web della telecamera.



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

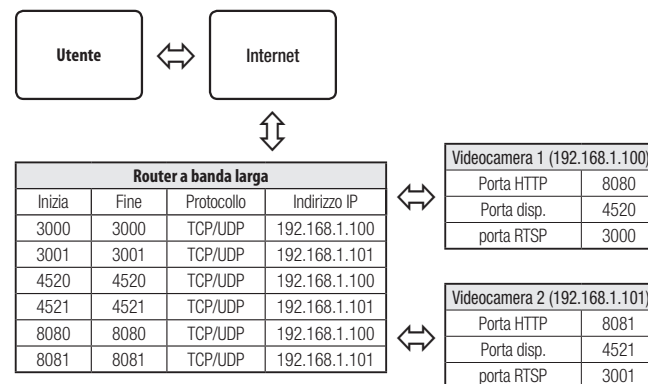


- Le istruzioni campione sopra riportate si basano sul router a banda larga CISCO.
- Le impostazioni possono differire a seconda del modello di router a banda larga collegato.
Per ulteriori informazioni, consultare il manuale utente del router.

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.

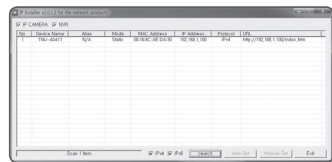
Quando la videocamera 1 e la videocamera 2 sono collegate a un router :



- 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, impostare <Connessione rapida> di <Wisenet DDNS> a <On> nel menu "Setup → Network → 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'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) <https://ddns.hanwha-security.com/ID del prodotto>

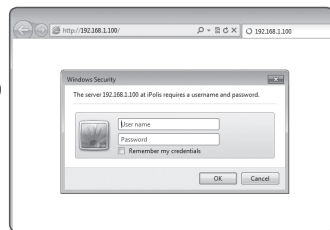


- Per informazioni su come effettuare la registrazione DDNS, fare riferimento alla guida sulla configurazione della rete.

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 : https://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 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.

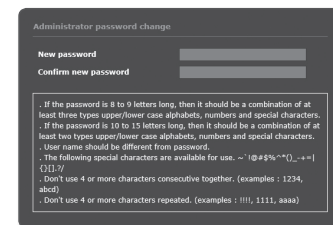
Una volta registrato un dispositivo con IP dinamico nel server DDNS, è possibile controllare facilmente l'IP cambiato quando si prova ad accedere al dispositivo.

Per registrare il dispositivo sul server <DDNS>, visitare il sito <https://ddns.hanwha-security.com> e, per prima cosa, registrare il dispositivo. Quindi impostare <Network> - <DDNS> del visualizzatore Web su <DDNS Wisenet> 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.

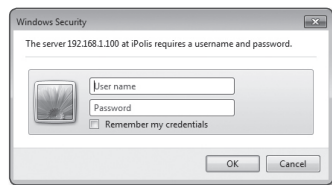


- ! ■ Per una nuova password da 8 a 9 cifre, è necessario usare almeno 3 dei seguenti elementi: lettere maiuscole/minuscole, numeri e caratteri speciali. Per una password da 10 a 15 cifre, è necessario utilizzare almeno 2 degli elementi precedentemente elencati.
- Caratteri speciali permessi : ~!@#\$%^&*()_+=[]{}?/
 - 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.

SPECIFICHE DI ASSISTENZA PER IL PLUG-IN PER OGNI BROWSER

Il visualizzatore web esistente con il plug-in e il visualizzatore del web senza plug-in sono integrati. Ciò consente di utilizzare il visualizzatore web in ambienti browser più nuovi che non supportano plug-in, come Chrome, EDGE e Firefox (Windows 64-bit solo). Per browser che consentono l'installazione di plug-in, come IE e Safari, si raccomanda l'installazione del plug-in.

In base al browser in uso, si potrebbero notare le seguenti differenze.

- **Browser Chrome, FireFox(Windows 64-bit solo), EDGE** : Anche se non supportano plug-in, è possibile utilizzare un visualizzatore del web in quanto è integrato un visualizzatore del web senza plug-in.
- Dal momento che il visualizzatore del web senza plug-in ha prestazioni inferiori al visualizzatore del web con plug-in presenta un limite nel monitoraggio di profili di alta qualità e playback dei video salvati.
Per monitorare profili di alta qualità e riprodurre i video salvati, usare un visualizzatore del web con abilitazione al plug-in o SmartViewer.
 - Condizioni di creazione del visualizzatore web senza plugin: Il profilo selezionato supera MJPEG Full HD 10fps H.264 (Chrome : risoluzione schermo intero supportata / Edge, Firefox, Safari : Full HD 30 fps o superiore) H.265 FullHD 10fps 2Mbps o superiore
 - Condizioni Riproduzione senza plugin: MJPEG/H.264 risoluzione schermo completo, H.265 HD o inferiore
- La funzione gratuita plug-in è stata ottimizzata per il browser Chrome.
- Supporta lo Streaming Adattivo
 - Si tratta di una funzione che abbassa automaticamente il profilo se è presente un ritardo superiore ai 5 secondi. Ciò è stato realizzato per prevenire problematiche come un aumento della latenza e nessuna risposta dal browser durante la riproduzione del video su un sistema inferiore alle specifiche hardware inferiori rispetto a quelle raccomandate.
Il profilo video è ridotto nella seguente sequenza: 1920X1080(20fps) -> 1280X720(20fps) -> 640X480(20fps).
- **Browser IE, Safari** : È possibile usare un visualizzatore del web anche senza installare il visualizzatore del web con plug-in esistente.

- Per monitorare/riprodurre ininterrottamente i video salvati, è necessario installare un plug-in.

INSTALLAZIONE DEL PLUGIN DEL WEBVIEWER

Per accedere al visualizzatore del web con plug-in e riprodurre un video live (H.264/H.265) o un video registrato, si aprirà un messaggio di installazione. A questo punto sarà necessario installare il plug-in del visualizzatore del web per usare correttamente questa funzione.

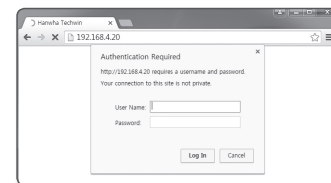
1. Quando si accede per la prima volta alla pagina per il monitoraggio, viene visualizzata la pagina per l'installazione. Fare clic su **[Download plugin]** per avviare l'installazione.
 - Se lo stato del download del file plug-in di installazione è interrotto a 99% nel browser di Internet Explorer, riprovare più tardi selezionando : "Release SmartScreen filter" in "Tool → SmartScreen filter".
2. Fare clic su **[Run]** nella finestra di avviso.
3. Fare clic su **[Yes]** sulla finestra di notifica che tutte le finestre del browser saranno chiuse.
 - I passaggi 4 e 5 verranno automaticamente saltati se non è installato alcun Plug-in per la visualizzazione del web.
4. Nel caso in cui sia già installata una versione precedente del Plug-in per la visualizzazione del web, una finestra di notifica apparirà comunicando che la versione precedente sarà eliminata.
Fare clic su **[Yes]** sulla finestra di notifica che appare.
5. Fare clic su **[OK]**.
La versione più vecchia del Plug-in per la visualizzazione del web viene eliminata.
6. Fare clic su **[Install]** per avviare l'installazione del Plug-in per la visualizzazione del web.
7. Fare clic su **[Finish]**.
L'installazione del Plug-in per la visualizzazione del Web è finalizzata.

- Nel proprio browser di Internet Explorer, se dopo aver installato il plugin del visualizzatore del web, è necessario spostarsi alla schermata di installazione, controllare se webviewer_activeplugin_lib.control nella sezione "Strumento → Gestione di Funzioni Aggiuntive" è "Attivato". Se non è stato attivato, e se il problema persiste, selezionare "Strumenti → Opzioni Internet → Generali" ed eliminare i dati di navigazione.
Se il problema persiste, registrare l'IP o il Dominio della telecamera in "Strumenti → Opzioni Internet → Sicurezza → Siti di Fiducia".

UTILIZZO DI UN VISUALIZZATORE DEL WEB SENZA PLUG-IN

Sebbene non sia possibile installare plug-in separatamente, se si accede alla telecamera da Google Chrome, Mozilla Firefox o dal browser web MS Edge, è possibile visualizzare e controllare la telecamera senza installare i plug-in.

1. Immettere il nome utente e la password per effettuare l'accesso.
2. Una volta effettuato l'accesso, apparirà una schermata per la visualizzazione della telecamera live.



Impostare la telecamera

1. Fare clic sull'icona **[Impostazioni (⚙)]**.
2. Verrà visualizzata la finestra delle impostazioni.
3. Dalla rete è possibile gestire le impostazioni relative a: informazioni di base della telecamera, PTZ, video e audio, rete, evento, analisi, sistema e piattaforma aperta.

SPECIFICA

Elementi		Descrizione	
		TNU-4041T	TNU-4051T
Video	Dispositivo di acquisizione immagini	Microbolometro non raffreddato	
	Dimensione pixel	17µm	
	Pixel effettivi	640x480	
	NETD	<50mK	
	Uscita video	CVBS : 1.0 Vp-p / 75Ω composita, 720x480(N), 720x576(P), per l'installazione	
Obiettivo	Lunghezza focale (rapporto di zoom)	19 mm fissi	35 mm fissi
	Apertura max diaframma	F1.0	
	Campo di visualizzazione angolare	H:32°/V:24.3°/D:39.2°	H:17.2°/V:13°/D:22°
	Controllo messa a fuoco	Fissi	
	Distanza minima dagli oggetti	11 m	36 m
	Montaggio	Su piastra	
Panoramica / Inclinazione / Rotazione	Intervallo di panoramica	360° endless	
	Velocità di panning	0.025°~120°/sec	
	Intervallo di inclinazione	-90° ~40°	
	Velocità di inclinazione	0.025°~40°/sec	
	Sequenza	Predefinito (300 ea), Oscillare, Gruppo (6ea)	
	Precisione preimpostazione	0.3°	
	Azimet	Sì (E/W/S/N/NE/NW/SE/SW)	
Caratteristiche operative	Titolo telecamera	Off / On - 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	
	Stabilizzazione dell'immagine digitale	Off / On(con Gyro)	
	Rilevazione movimento	Off / On (8ea, zone poligonali 8 punti), Passaggio	

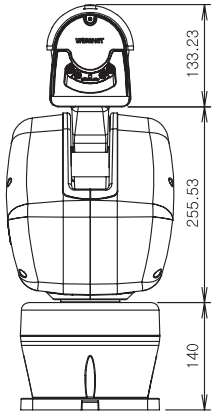
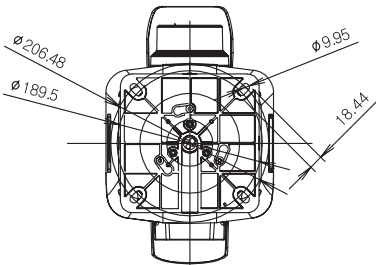
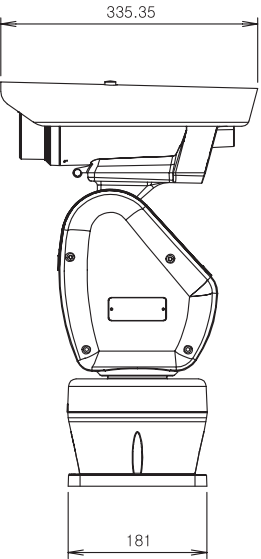
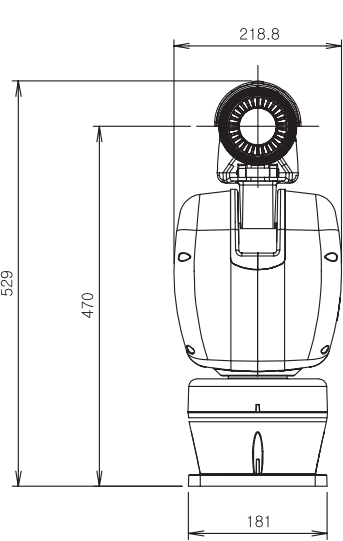
Elementi		Descrizione	
		TNU-4041T	TNU-4051T
Caratteristiche operative	Analisi video e audio	Manomissione, Vagabondaggio Rilevamento direzionale, Linea virtuale, Rilevamento recinzioni, Entrata / Uscita, Comparsa / Scomparsa, Rilevamento audio, Rilevamento movimento, Classificazione audio, Rilevazione urti, Rilevamento cambiamento di temperatura	
	I/O Allarme	Ingresso 1ea / Uscita 1ea	
	Trigger allarme	Ingresso allarme, rilevazione movimento, analisi video e audio, disconnessione di rete	
	Eventi di allarme	• Caricamento file via FTP, E-mail • Notifica via e-mail • Stoccaggio locale (Micro SD/SDHC/SDXC) o NAS registrazione anche se disconnessi dalla rete & Evento • Uscita esterna	
	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, Livello uscita max: 1Vrms	
	Conteggio dei Pixel	Assistenza	
	Ethernet	RJ-45 (10/100BASE-T)	
	Formato di compressione video	H.265/H.264 (MPEG-4 Part 10/AVC) : Principale/Linea di base/Alto Movimento JPEG	
	Risoluzione	640x480, 640x360, 320x240	
Rete	Frequenza max fotogrammi	H.265/H.264 : Max. 30fps in tutte le risoluzioni Motion JPEG : Max. 30fps	
	WiseStream II	Assistenza	
	Regolazione qualità video	H.264/H.265 : Controllo livello bitrate target MJPEG : Controllo livello bitrate target	

Elementi		Descrizione	
		TNU-4041T	TNU-4051T
Rete	Metodo di controllo bitrate	H.264/H.265 : CBR o VBR Motion JPEG : VBR	
	Capacità di streaming	Streaming multiplo (fino a 10 profili)	
	Formato di compressione audio	G.711 μ -law /G.726 selezionabile G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC : 48Kbps a 8/16/32/48KHz	
	Comunicazione audio	Bidirezionale	
	IP	IPv4, IPv6	
	Protocollo	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTP/RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, 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	Micro SD/SDHC/SDXC (fino a 256 GB) - È possibile scaricare le immagini di movimento registrate nella memory card Micro SD/SDHC/SDXC. NAS(Network Attached Storage) PC locale per registrazione istantanea	
	Interfaccia per la programmazione dell'applicazione	ONVIF Profile S/G SUNAPI(HTTP API) Piattaforma aperta	
	Pagina web Lingua	Inglese, Coreano, Francese, Tedesco, Spagnolo, Italiano, Cinese, Russo, Giapponese, Svedese, Portoghese, Ceco, Polacco, Turco, Olandese	

Elementi		Descrizione	
		TNU-4041T	TNU-4051T
Rete	Visualizzatore Web	Sistema operativo supportato : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Webviewer Browser consigliato: Google Chrome 63 Browser supportati: IE11, MS Edge 41, Mozilla Firefox 57 (solo Windows 64 bit), Apple Safari 11 (solo Mac OS X)	
	Software di gestione centrale	SmartViewer, SSM	
Caratteristiche ambientali	Temperatura / umidità di esercizio	-40 °C ~ +60 °C (-40 °F ~ +140 °F) / Umidità relativa inferiore al 90%RH	
	Temperatura / umidità di conservazione	-50 °C ~ +60 °C (-58 °F ~ +140 °F) / Umidità relativa inferiore al 90%RH	
	Ingress Protection	IP66, NEMA 4X	
	Protezione antivandalismo	IK10	-
Caratteristiche elettriche	Tensione/corrente in ingresso	24 V AC($\pm$ 10%) / 6 A(MAX)	
	Consumo	84 W(Riscaldamento acceso), 62 W(Riscaldamento spento)	
Caratteristiche meccaniche	Colore / materiale	Bianco / Alluminio	
	Dimensioni (WxHxD)	(W)219 × (H)528 × (D)335	
	Peso	11,7 kg	

PANORAMICA DEL PRODOTTO

Unita: mm (pollici)



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 controllare il sistema.	- Verificare l'alimentazione. Verificare che il sistema sia acceso. - Verificare se il cavo di comunicazione sia collegato.
Non è possibile accedere alla videocamera da un browser web.	- Controllare che le impostazioni di rete della videocamera siano appropriate. - Controllare che i cavi di rete siano stati collegati correttamente. - Se si connette usando DHCP, verificare che la videocamera sia capace di acquisire gli indirizzi IP senza problemi. - Se la videocamera è collegata ad un router a banda larga, verificare che la portadi inoltro sia configurata.
Il visualizzatore si è scollegato durante il monitoraggio.	- I visualizzatori collegati si disconnettono dopo il cambiamento alla videocamera o configurazioni di rete. - Controllare i collegamenti di rete. - Se la videocamera è collegata a una rete PPPoE, è possibile per il visualizzatore da scollegare in scarse condizioni di rete.
Non possono collegare il sistema usando un browser di Internet Explorer 7.0.	Quando si esegue una connessione con una nuova finestra o una nuova scheda, potrebbe essere generato un errore poiché i dati dei cookie sono condivisi. Non utilizzare una nuova finestra o una nuova scheda, ma selezionare "File → Nuova sessione".
La videocamera collegata alla rete non è rilevata nel programma di installazione IP.	Spegnerne 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.

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>.
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.
<MD / VA> in <Event> 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. <MD / VA> 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 <Setup> → <Event> → <Registra>.
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 3.0	
Busybox	GPL 2.0	http://www.busybox.net/downloads/snapshots
iproute2-3.1.0	GPL 2.0	
alsa-utils-1.0.24.2	GPL 2.0	
alsa-lib-1.0.24.1	GPL 2.0	
iptables-1.4.12.2	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-3.2	GPL 2.0	
mt-d-1.4.1	GPL 2.0	ftp://ftp.infradead.org/pub/mt-d-utils
mi-diag-2.11	GPL 2.0	
rp-pppoe-3.10	GPL 2.0	http://www.roaringpenguin.com/pppoe/
wpa_supplicant-0.7.3	GPL 2.0	
bash-4.2	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 (The Manual and test suite are GPL)	http://www.webdav.org/neon/

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Version 2, June 1991

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 2. to develop and manufacture the Embedded Product containing the Binary Code, and, whether with or without payment, provide the End User with the same and make the Binary Code available to the End User on the Embedded Product.
- 5.** The Source Code User and the System Developer shall be obligated to give a notice that the Source Code is used, in such a way as separately specified by T-Engine Forum, when they use the Source Code or the Binary Code, or make the Binary Code available for the End User on the Embedded Product.

Article 5. Distribution of Modified Source Code

1. Any of A- members of T-Engine Forum may become the Distributor of Modification by obtaining the approval of T-Engine Forum through the registration procedure as prescribed by the Forum provided that only the department of the A- member which has taken the registration procedure may distribute the Modified Source Code in such a way as provided for in this Article as long as it holds the Amembership.

2. The Distributor of Modification may create the Modified Source Code based on the Source Code provided by T-Engine Forum and the Patch for Modification to be applied to create such Modified Source Code from the Source Code.

3. The Distributor of Modification shall, prior to the distribution, inform T-Engine Forum of and register a name and description of the Modified Source Code in such a way as specified by T-Engine Forum.

4. The Distributor of Modification shall determine the name of the Modified Source Code subject to the rules separately established by T-Engine Forum and publish an appropriate notice as required by the rules on the Patch for Modification and the Modified Source Code.

5. The Distributor of Modification may distribute the Modified Source Code to a third party, whether with or without payment, provided that the Distributor of Modification shall take the necessary measures to prohibit the third party from making the re-Distribution of the Modified Source Code.

6. Developer with the Patch for Modification. Provided, however, that the Distributor of Modification shall be obligated to confirm that the System Developer is the Source Code User duly licensed under Article 4.1.

7. The Distributor of Modification may perform the Vicarious Execution of Patch Processing for the System Developer.

8. The System Developer shall not distribute the Modified Source Code in further modified form to any third party as a stand-alone software product.

9. The System Developer may, under the same obligation as imposed in Article 4.5, make the Embedded Product available for the End User through use of the Patch for Modification distributed by the Distributor of Modification or the Derivative Works obtained through the Vicarious Execution of Patch Processing.

Article 6. Distribution and Registration of the Ported Source Code

1. The Source Code User and the System Developer may, whether with or without charge, distribute to any third party only the following parts of the Ported Source Code on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware:

1. The Hardware-dependent Part and/or Compiler-dependent Part; provided that the Source Code User and the System Developer shall inform T-Engine Forum of, and T-Engine Forum may publish, a method for distributing said Part(s) to third parties.

2. The Header File; provided that the Header File shall be distributed together with the Binary Code of the Ported Source Code.

2. Any member of T-Engine Forum may request T-Engine Forum to register and distribute, as an original source code for T-Kernel, the Ported Source Code on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.

3. Any member of T-Engine Forum who requests the distribution mentioned in the preceding paragraph shall accede to the following conditions:

1. The member shall confirm that the object hardware is the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.
2. The member shall provide T-Engine Forum with a complete set of operational environment for the object hardware and T-Kernel free of charge when requesting the distribution.
3. The member shall submit test results of the Ported Source Code to T-Engine Forum when requesting the distribution.

4. In the event that T-Engine Forum accepts the request mentioned in Article 6.2, T-Engine Forum shall register and distribute the Ported Source Code as the Source Code for T-Kernel. Provided, however, that the Ported Source Code may be treated in the same way as the Modified Source Code until the time of registration hereunder.

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

Article 7. Use for Other Purpose

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

Article 8. Limited Warranty

1. T-Engine Forum and the copyright holder of the Source Code warrant that the Source Code does not infringe third party's copyrights. Provided, however, that T-Engine Forum and the copyright holder of the Source Code make no warranty as to the Hardware-dependent Part and/or Compiler- dependent Part set forth in Article 6.2 in the Ported Source Code by any third party.

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

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2. In case of breach of this License Agreement by a member of T-Engine Forum, T-Engine Forum may take appropriate measures against the member; for example, the member is disqualified from membership, depending on what kind of breach has been committed by it.

3. Any legal dispute which may arise in relation to any breach of this License Agreement shall be subject to the exclusive jurisdiction of the Tokyo District Court.

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Julian Seward, jseward@bzip.org

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Jean-loup Gailly Mark Adler

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



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

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