

DISPOSITIVO DI CONTROLLO DI RETE

Manuale utente

SPC-7000



Dispositivo di controllo di rete

Manuale utente

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

❖ L'ID predefinito dell'amministratore è "admin", mentre la password deve essere impostata al primo accesso.

Assicurarsi di cambiare la password ogni tre mesi per proteggere i dati personali da furti.

Tenere presente che l'utente è responsabile della sicurezza personale e di qualunque altro problema causato da manomissioni della password personale.

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.



AVVERTENZA

PER RIDURRE IL RISCHIO DI INCENDIO O DI SCOSSA ELETTRICA, NON ESPORRE L'APPARECCHIO A PIOGGIA O A UMITÀ. 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.

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.

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.

INDICE

PANORAMICA	3	Istruzioni di sicurezza importanti	IMPOSTAZIONI DI CONFIGURAZIONE	14	Installare
	5	Indice		14	Operazioni preliminari
	6	Caratteristiche principali		15	Menù di configurazione
	6	Contenuto della confezione		15	Dispositivo
	7	Nomi delle parti e funzioni		16	Controllo
				18	Rete
				18	Ambiente del sistema
INSTALLAZIONE	9	Precauzioni	CONTROLLO	20	Telecamere di controllo
	9	Prima dell'installazione		23	Dispositivi di stoccaggio di controllo
	10	Installare la manovella di controllo/ Joystick			
	10	Regolare l'angolazione dello schermo LCD			
	10	Cambio della posizione del joystick e del modulo jog/shuttle			
COLLEGAMENTO A UN DISPOSITIVO ESTERNO	11	Per collegare un dispositivo RS-485/422	APPENDICE	27	Specifiche
	13	Collegamento ad altri controller di sistema		27	Domande e risposte
				28	GPL/LGPL Software License

CARATTERISTICHE PRINCIPALI

Il dispositivo di controllo SPC-7000 controlla le telecamere di rete/analogiche, i DVR e i programmi SSM utilizzando una rete. Offre un'interfaccia di facile utilizzo con menu a video, touch screen e joystick.

Offre un'interfaccia di facile utilizzo con menu a video, touch screen e joystick.

- Telecomando a lunga distanza
- Controllo del sistema integrato
- Un singolo dispositivo di controllo può controllare sia una telecamera (unità ricevente), il DVR e il programma SSM.
- È possibile controllare sia la telecamera di rete che il NVR tramite il SSM.
- Può essere collegata a dispositivi di controllo molteplici
- Il sistema può essere controllato da postazioni diverse ed è possibile collegare simultaneamente fino a 16 unità.
- Per la comodità dell'utente, le posizioni del joystick e del modulo jog/shuttle possono essere cambiate da sinistra e destra e viceversa.
- Interfaccia di facile utilizzo
Lo stato operativo del controller di sistema è visualizzato sullo schermo; il touch screen consente di selezionare un menu con facilità; il joystick consente una manipolazione semplice.

❖ Lista di prodotti e programmi che si possono controllare

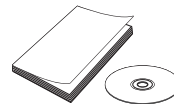
- Telecamera
- SSM
- DVR

CONTENUTO DELLA CONFEZIONE

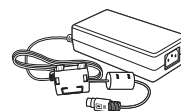
Disimballare il prodotto e collocarlo sul pavimento o su una superficie piana. Controllare che i seguenti componenti siano compresi nella confezione.



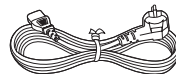
Unità principale



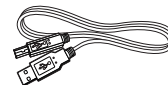
Manuale utente o CD manuale utente



Alimentatore



Cavo di alimentazione



Cavo USB



Touch Pen



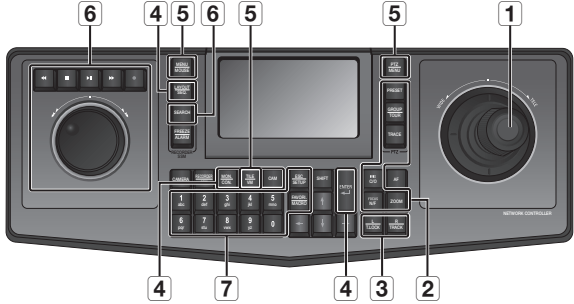
Morsettiera



- Collegare la manovella di controllo e il Joystick all'unità principale per utilizzarli.

NOMI DELLE PARTI E FUNZIONI

Lato anteriore

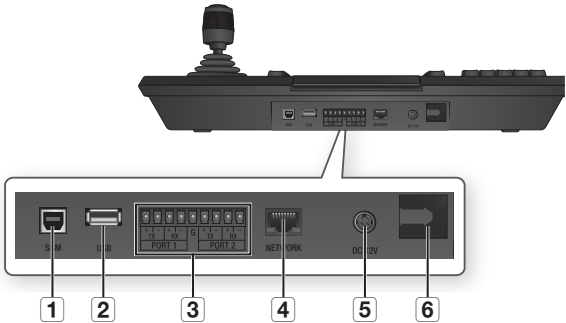


Nome		Funzione
1	Joystick	Sopra/Sotto/Sinistra/ Destra Nella modalità PTZ, è possibile controllare il movimento Panoramica e Inclinazione. Nella modalità Schermo, è possibile modificare la selezione del riquadro Sopra/Sotto/Sinistra/Destra. Nella modalità Mouse, è possibile spostare il cursore del mouse.
	Rotazione	Nella modalità PTZ, lo schermo fa zoom in avanti nella direzione WIDE, e zoom indietro quando ci si sposta nella direzione TELE.
2	Controllo PTZ	[FOCUS N/F] + [Left Arrow] Gestisce il movimento di messa a fuoco Vicino/Lontano. - [FOCUS N/F] + [Left Arrow] : Messa a fuoco vicino
		[FOCUS N/F] + [Right Arrow] - [FOCUS N/F] + [Right Arrow] : Messa a fuoco lontano ■ Il tasto [FOCUS N/F] è controllato dal tasto ON/OFF.
		[IRIS C/O] + [Right Arrow] Gestisce l'operazione diaframma Aperto/Chiuso. - [IRIS C/O] + [Right Arrow] : Diaframma Aperto - [IRIS C/O] + [Left Arrow] : Diaframma Chiuso
		[IRIS C/O] + [Left Arrow] ■ Funziona soltanto in modalità di controllo telecamera analogica, SSM e DVR. ■ Il tasto [IRIS C/O] è controllato dal tasto ON/OFF.

Nome		Funzione
2	Controllo PTZ	[PRESET] Quando si fa clic su un [PRESET] + numero + tasto [PRESET] viene attivata la funzione predefinita corrispondente ad ogni tasto.
		[GROUP] Quando si fa clic su un [GROUP] + numero + tasto [GROUP] viene attivata la funzione Gruppo/Scansione corrispondente ad ogni tasto.
		[TOUR] Inizia il tour cliccando i tasti [SHIFT] + [GROUP/TOUR] + [SHIFT] + [GROUP/TOUR].
		[TRACE] Quando si fa clic su una [TRACE] + numero + tasto [TRACE] viene attivata la funzione Percorso/Traccia corrispondente ad ogni tasto.
		[ZOOM] + [Right Arrow] Gestisce il movimento di zoom in avanti.
		[ZOOM] + [Left Arrow] Gestisce il movimento di zoom indietro. ■ Il tasto [ZOOM] è controllato dal tasto ON/OFF.
3	Controllo del mouse	[L(T. LOCK)]/[R(TRACK)] Usa il tasto sinistra/destra del mouse nella modalità mouse.
4	Controllo schermo	[MON.(CON.)] È possibile modificare la selezione di monitor molteplici facendo clic su un numero + tasto [MON.(CON.)] in modalità schermo (precedente/successivo in base al numero dello schermo).
		[LAYOUT(SEQ.)] Quando si fa clic su un numero + tasto [LAYOUT(SEQ.)] è attivato il Layout corrispondente al numero di ogni tasto.
		[CAM] Quando si fa clic su un numero + tasto [CAM] viene attivata la telecamera corrispondente al numero di ogni tasto.
		[ENTER] Se si clicca una volta verrà visualizzato una schermata singola sul visualizzatore Live. Cliccando una seconda volta si ritornerà alla schermata precedente. Quando si clicca su un numero + il tasto [ENTER] nel visualizzatore Live, la schermata è divisa nelle parti corrispondenti al numero inserito.
		numero + [TILE(VM)] Si sposta sul titolo corrispondente al numero.

Nome		Funzione
5	Cambia modalità	[PTZ(MENU)] Cambia la modalità PTZ. Fare clic sul tasto [PTZ(MENU)] durante la modalità PTZ e la modalità schermo sarà cambiata.
		[SHIFT] + [MENU(Mouse)] Cambia la modalità Mouse. Fare clic sul tasto [SHIFT] + [MENU(Mouse)] durante la modalità mouse e la modalità schermo verrà cambiata.
		[SHIFT] + [Mon.(Con.)] Cambia la modalità console.
		[SHIFT] + [TILE(VM)] Avvia il comando VMD.
6	Comando riproduzione schermo	[SEARCH] Esegue il video del riquadro corrente tramite la ricerca/live.
		 Il video verrà interrotto.
		 Riproduce e mette il video in pausa.
		 Avvia/Termina la registrazione manuale del video.
		Rotella Shuttle Riproduzione veloce in avanti quando la rotella viene girata in senso orario, o riproduzione veloce indietro quando la rotella è girata in senso antiorario.
7	Rotella perno Esegue la ricerca dei fotogrammi.	
	0 ~ 9 Tasto per inserire un numero.	
[ESC(SETUP)]		Ritorna alla pagina precedente.

Lato posteriore



Elemento		Descrizione	
1	SSM	Terminale collegato al PC per controllare il SSM.	
2	USB	Per eseguire il backup delle impostazioni del controller di sistema o per aggiornare il firmware.	
3	RS-485	PORT 1	Collegata a un controller come telecamera o DVR mediante comunicazione RS-485.
		PORT 2	Collegata a un altro controller di sistema SPC-7000.
4	NETWORK	Terminale di connessione di rete.	
5	DC 12V	Porta di ingresso CC 12V (— — — +)	
6	Cable Hook	Per impedire che il cavo di alimentazione si allenti.  ■ Utilizzare il gancio cavo durante l'installazione e l'utilizzo del controller.	

PRECAUZIONI

Prima di installare il prodotto, leggere e osservare attentamente le seguenti istruzioni.

- Il prodotto è progettato esclusivamente per l'uso al coperto.
- Tenerlo lontano da acqua o umidità.
- Non applicare una forza eccessiva su di esso.
- Non tirare il cavo di alimentazione con la forza.
- Non smontarlo.
- Utilizzare esclusivamente il campo I/O nominale.
- Utilizzare esclusivamente il cavo di alimentazione fornito.
- Utilizzare la spina di alimentazione con il filo della terra se disponibile.
- Installare il controller di sistema su un tavolo in piano.
- La posizione dell'unità principale e la posa del cablaggio sono essenziali per un corretto funzionamento del sistema.
- Se i dispositivi sono troppo vicini o sono collocati in ambiente con scarsa ventilazione, il sistema potrebbe non funzionare correttamente.
Se il sistema è inaccessibile, risulta difficile o addirittura impossibile eseguire le riparazioni.
- Per prevenire i guasti e ridurre gli arresti del sistema, lasciare spazio sufficiente per la ventilazione e chiudere bene il coperchio.
- Non smontare il controller di sistema: al suo interno è presente alta tensione.
 - Temperatura di esercizio : 0°C ~ 40°C
 - Temperatura di conservazione : -20°C ~ 60°C
 - Umidità di esercizio : 20%~85% RH
 - Consumo di energia : CC 12V, Max 6,4W (— — — — — +)
 - Usare l'adattatore di corrente dedicato fornito con il prodotto.

PRIMA DELL'INSTALLAZIONE

- Spegnerne il prodotto prima di installarlo.
- Forti urti e vibrazioni potrebbero danneggiare il sistema.
- Tenerlo lontano da forti campi magnetici o interferenze elettriche e da apparecchi wireless quali radio e televisori.
- Tenere sempre il luogo di installazione pulito e privo di polvere, durante e dopo l'installazione.
- Collocarlo su una superficie piana e aperta, mantenendo una temperatura ottimale. Installarlo ad almeno 15 cm dalla parete.
- Non chiudere il foro di aerazione e non porre sopra di esso oggetti conduttivi.
- Non esporlo alla luce diretta del sole. Tenere gli accessori o gli strumenti fuori dalla portata delle persone al fine di prevenire il rischio di danni fisici.
- Se il prodotto emette un odore insolito o fumo, significa che vi è una condizione di anomalia, che potrebbe provocare incendi o scosse elettriche.
In questo caso, spegnere immediatamente il prodotto e contattare il servizio di assistenza tecnica.
- Intervenire in modo adeguato se si rilevano: pavimento umido, prolunga del cavo di alimentazione senza messa a terra, cavo di alimentazione spelato o assenza di messa a terra di sicurezza.
 - Per pulire il prodotto utilizzare un panno asciutto. Se il prodotto è molto sporco o macchiato, pulirlo con un panno imbevuto di detergente neutro.
Non utilizzare solventi volatili come alcol, benzene o diluente, poiché potrebbero danneggiare la superficie del prodotto.
 - Non usare ad alte temperature per aumentare la durata del monitor LCD.

INSTALLARE LA MANOVELLA DI CONTROLLO/JOYSTICK

Quando si installa la manovella di controllo o Joystick, premere finché non si sente un suono simile al clic del mouse.



REGOLARE L'ANGOLATURA DELLO SCHERMO LCD

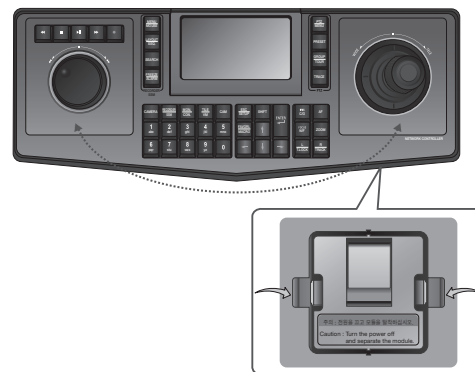
È possibile tirare lo schermo in avanti per una migliore visualizzazione.



CAMBIO DELLA POSIZIONE DEL JOYSTICK E DEL MODULO JOG/SHUTTLE

È possibile cambiare la posizione del joystick e del modulo jog/shuttle a seconda di come è più comodo per l'utente.

- Per cambiare la posizione da destra a sinistra, spegnere il controller di sistema e cambiare manualmente la posizione dei moduli. Oppure premere **<Cambia modulo>** nel menu di configurazione del controller e cambiare i moduli manualmente. (pagina 18)



<Sotto>

1. Premere il gancio nella parte inferiore dell'unità di comando con due mani per staccare il modulo dall'unità principale.
2. Rimuovere il joystick e il modulo jog/shuttle dal controller e cambiarli di posizione. Al termine dell'operazione, inserirli finché non si sente uno scatto.



collegamento a un dispositivo esterno

Il dispositivo di controllo di rete SPC-7000 può essere usato collegandosi alle telecamere, DVR e altri dispositivi esterni.

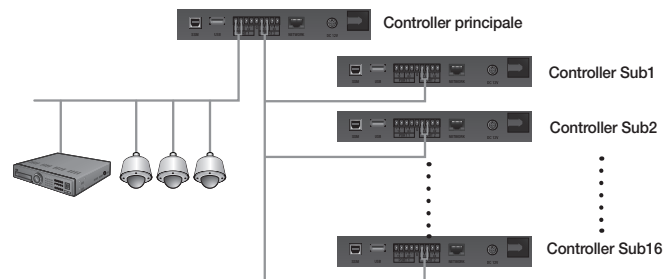
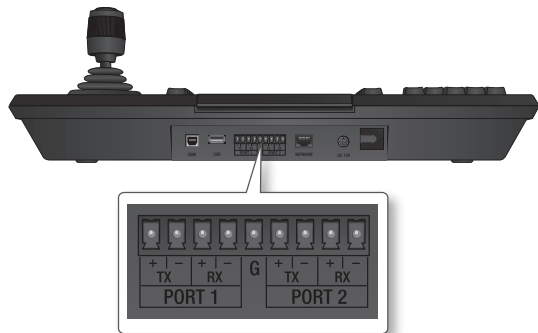
PER COLLEGARE UN DISPOSITIVO RS-485/422

È possibile controllare una telecamera PTZ e DVR che supporta la comunicazione RS-485/422 con il dispositivo di controllo.

1. Collegare la porta posteriore PORT 1 con la porta RS-485 della telecamera PTZ o del DVR.
2. A seconda del dispositivo esterno collegato, selezionare la connessione RS-485 (Half Duplex) o RS-422 (Full Duplex).



- Per il sistema Half Duplex, utilizzare i terminali TX +/-.
- Per la comunicazione RS-485/422, prestare particolare attenzione alla polarità (+/-).
- Per ridurre il disturbo della comunicazione RS-485, collegare il terminale G della telecamera/del dispositivo DVR a quello dell'SPC-7000.
- Prima di effettuare il collegamento a massa, assicurarsi di aver spento l'alimentazione del prodotto.
- Utilizzare la morsetteria compresa nella confezione del prodotto.
- Controllare se il dispositivo RS-485/422 è compatibile con SPC-7000.



Collegamento della telecamera PTZ

Collegando la porta RS-485 nella parte posteriore della telecamera PTZ con la PORT 1 di SPC-7000, è possibile controllare la telecamera.



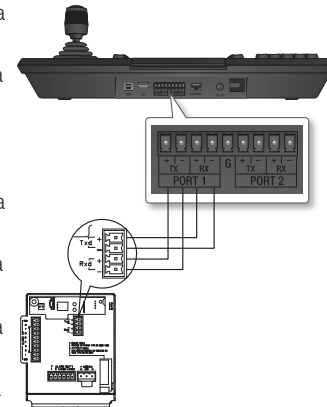
- La polarità potrebbe differire a seconda della telecamera.
Per ulteriori informazioni, consultare il manuale utente della telecamera PTZ.

Per il sistema half duplex (RS-485)

- Collegare RX (+) della porta RS-485 della telecamera PTZ con TX (+) di PORT 1 di SPC-7000.
- Collegare RX (-) della porta RS-485 della telecamera PTZ con TX (-) di PORT 1 di SPC-7000.

Per il sistema full duplex (RS-422)

- Collegare RX (+) della porta RS-485 della telecamera PTZ con TX (+) di PORT 1 di SPC-7000.
- Collegare RX (-) della porta RS-485 della telecamera PTZ con TX (-) di PORT 1 di SPC-7000.
- Collegare TX (+) della porta RS-485 della telecamera PTZ con RX (+) di PORT 1 di SPC-7000.
- Collegare TX (-) della porta RS-485 della telecamera PTZ con RX (-) di PORT 1 di SPC-7000.



collegamento a un dispositivo esterno

Collegamento del modello SRD-16XX/8XX DVR

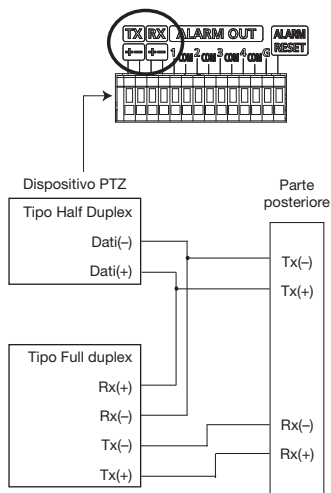
Effettuare il collegamento tra DVR e SPC-7000 usando la porta RS-485 nella parte posteriore del DVR.

Per il sistema half duplex (RS-485)

- Collegare TX (+) della porta RS-485 del DVR con TX (+) di PORT 1 di SPC-7000.
- Collegare TX (-) della porta RS-485 del DVR con TX (-) di PORT 1 di SPC-7000.

Per il sistema full duplex (RS-422)

- Collegare TX (+) della porta RS-485 del DVR con RX (+) di PORT 1 di SPC-7000.
- Collegare TX (-) della porta RS-485 del DVR con RX (-) di PORT 1 di SPC-7000.
- Collegare RX (+) della porta RS-485 del DVR con TX (+) di PORT 1 di SPC-7000.
- Collegare RX (-) della porta RS-485 del DVR con TX (-) di PORT 1 di SPC-7000.

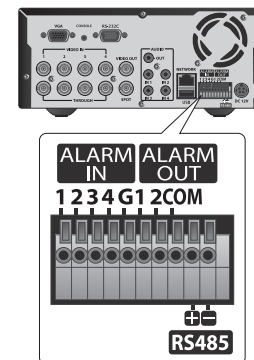


Collegamento del modello SRD-4XX DVR

Collegare la presa RS-485 sul retro del modello SRD-4XX con il SPC-7000.

❖ Per il sistema half duplex (RS-485)

- Collegare il TX (+) della presa SRD-4XX alla porta 1 della presa TX (+) del SPC-7000.
- Collegare il TX (-) della presa SRD-4XX alla porta 1 della presa TX (-) del SPC-7000.

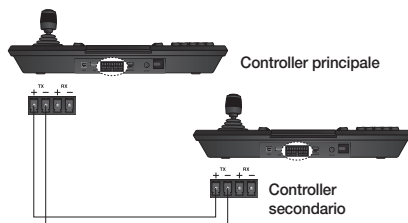


COLLEGAMENTO AD ALTRI CONTROLLER DI SISTEMA

- È possibile collegare fino a 16 controller contemporaneamente.
- Per le impostazioni di comunicazione del controller, fare riferimento a "Impostazione del ID del dispositivo di controllo" di "Impostazione Menu". (► pagina 17)

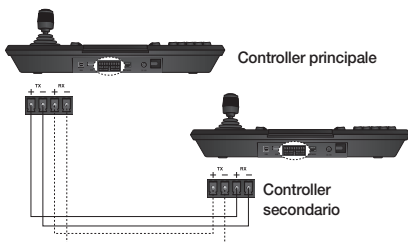
Per il sistema half duplex (RS-485)

- Collegare TX (+) di PORT 2 di SPC-7000 con TX (+) di PORT 2 dell'altro SPC-7000.
- Collegare TX (-) di PORT 2 di SPC-7000 con TX (-) di PORT 2 dell'altro SPC-7000.



Per il sistema full duplex (RS-422)

- Collegare TX (+) di PORT 2 del controller principale SPC-7000 con RX (+) di PORT 2 del controller secondario SPC-7000.
- Collegare TX (-) di PORT 2 del controller principale SPC-7000 con RX (-) di PORT 2 del controller secondario SPC-7000.
- Collegare RX (+) di PORT 2 del controller principale SPC-7000 con TX (+) di PORT 2 del controller secondario SPC-7000.
- Collegare RX (-) di PORT 2 del controller principale SPC-7000 con TX (-) di PORT 2 del controller secondario SPC-7000.

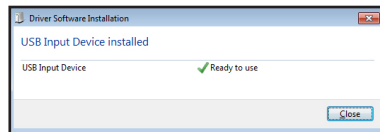


- È necessario utilizzare PORT 2 se si desidera eseguire il collegamento all'altro controller di sistema.

impostazioni di configurazione

INSTALLARE

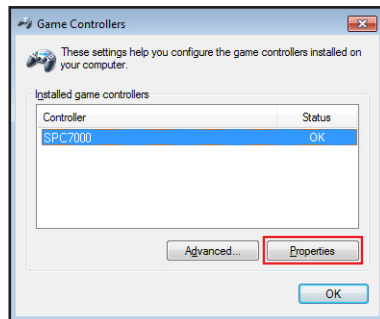
1. Con il computer acceso, collegare il terminale SSM del dispositivo di comando alla porta USB del computer.
2. Poi, si aprirà una finestra a comparsa con la scritta "Nuovo dispositivo rilevato".
3. Il computer riconoscerà automaticamente il dispositivo.
 - Installare il dispositivo seguendo le istruzioni che compaiono sulla finestra d'installazione, se necessario.
4. Una volta che il dispositivo è stato riconosciuto, i comandi installati vengono visualizzati sulla lista dei dispositivi di comando nel pannello di controllo di Windows.
[Start] > [Devices and Printers] > [Game Controllers]



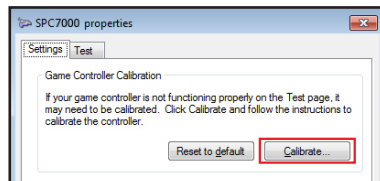
Per correggere il dispositivo di controllo

- Per usare correttamente un dispositivo di controllo, è necessario correggere l'asse.

1. Andare a [Start] > [Devices and Printers] > [Game Controllers] e fare clic con il pulsante destro del mouse sull'icona del dispositivo di comando installato e selezionare [Properties].

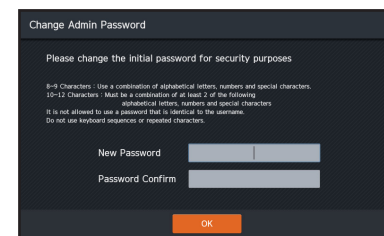


2. Sulla finestra delle impostazioni, premere il tasto [Calibrate...] per avviare la 'Device Correction Wizard'.
3. Procedere con la correzione dell'asse seguendo le istruzioni che compaiono sullo schermo.



OPERAZIONI PRELIMINARI

1. Accendere tutti i componenti del sistema.
2. Collegare l'adattatore di corrente nel retro del dispositivo di comando e accenderlo. Appaierà una finestra a comparsa per eseguire l'accesso.
3. Usando il tastierino numerico o la tastiera del Touch Screen, immettere la password e cliccare sul tasto <Accesso>.
 - La password predefinita è "4321".
4. Durante il primo accesso, apparirà una finestra per impostare la password. Impostare una password e poi premere il tasto <OK>.
 - New Password: Immettere una nuova password seguendo le istruzioni per l'impostazione della password.
 - Password Confirm: Immettere la nuova password una seconda volta.



MENÙ DI CONFIGURAZIONE

Quando appare la schermata delle impostazioni di sistema, selezionare le impostazioni desiderate.

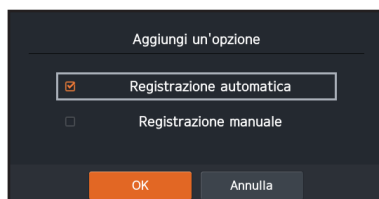


DISPOSITIVO

Per registrare un dispositivo automaticamente

È possibile cercare e registrare una telecamera di rete collegata alla rete locale.

1. Selezionare la casella di selezione **<Registrazione automatica>** e premere il tasto **<OK>**.



2. Sulla lista delle telecamere cercate, selezionare la telecamera che si desidera registrare e poi premere il tasto **<TEST>**.



3. Immettere un **<Nome Utente>** e **<Password>** e premere il tasto **<TEST>** per accedere alla telecamera.

4. Premere il tasto **<OK>**. La telecamera selezionata verrà registrata.

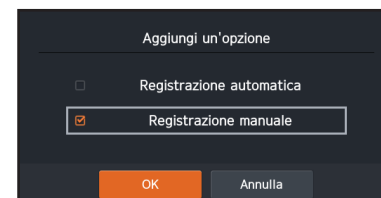
- Modello: Mostra il nome del modello della telecamera.
- Indirizzo IP: mostra l'indirizzo IP della telecamera di rete.
- Stato: Mostra le informazioni sulla guida del codice di Successo o Errore.



Per registrare un dispositivo manualmente

- Aggiungere un dispositivo di rete

1. Selezionare la casella di selezione **<Registrazione manuale>** e premere il tasto **<OK>**.



2. Inserire l'indirizzo IP.



impostazioni di configurazione

3. Premere il tasto <ID/PW> e immettere il nome utente, la password e il numero della porta.
4. Premere il pulsante <TEST> per accedere alla telecamera.
5. Controllare i risultati dell'operazione.
6. Premere il pulsante <OK> per completare la registrazione.

- Aggiungere un dispositivo analogico

1. Selezionare la casella di selezione <Registrazione manuale> e premere il tasto <OK>.
2. Selezionare <Analogico> come tipo di dispositivo.
3. Selezionare ognuno degli elementi per inserire il ID, tipo, protocollo e velocità di trasmissione.
 - Selezionando <Telecamera analogica> come tipo, è possibile selezionare il protocollo.
4. Premere il pulsante <OK> per completare la registrazione.

Modificare i dati del dispositivo

È possibile modificare i dati di un dispositivo registrato.

1. Selezionare il dispositivo per il quale si desidera modificare i dati.
2. Sui dati del dispositivo mostrati nella parte inferiore dello schermo, modificare i dati del dispositivo.
 - A seconda del tipo di dispositivo selezionato, i dati da modificare saranno visualizzati in maniera diversa.
3. Una volta completata l'operazione, premere il tasto <OK>.

Eliminare dispositivi

1. Selezionare un dispositivo da eliminare e premere il tasto <Elimina>.
2. Apparirà una finestra a comparsa per la conferma di inizializzazione. Premendo il tasto <Inizializza> il dispositivo selezionato verrà eliminato.
3. Premendo il tasto <Elimina tutto> e il tasto <Inizializza tutto> nella finestra a comparsa, tutti i dispositivi registrati verranno eliminati.

CONTROLLO

Lingua

È possibile selezionare la lingua desiderata per l'interfaccia utente.

1. Premere <Lingua>.
2. Dalla schermata di selezione Lingua che viene visualizzata, utilizzare i tasti di direzione o il joystick per selezionare la lingua preferita.
 - Viene impostata immediatamente la lingua selezionata.
3. Per uscire dalla schermata di selezione della lingua, premere <Annulla>.

Utente e Password

È possibile modificare la password dell'amministratore e inserire un nome utente del dispositivo.

Per aggiungere un utente

1. Selezionare il menù <Utente e Password>.
2. Fare clic sul tasto <Agg.>.
3. Selezionare un dispositivo da assegnare all'utente corrispondente.
4. Scegliere se usare o meno una password.
5. Per usare una password, premere <ON> e impostare la password che si desidera usare.
6. Dopo aver impostato la password, premere il tasto <OK>.

Numero	Utente	Informazioni sul dispositivo registrato
01	admin	A.Cam : 1, N.Cam : 1, DVR : 1, SSM : 1
02	user1	A.Cam : 0, N.Cam : 0, DVR : 0, SSM : 0
03	—	—
04	—	—
05	—	—
06	—	—

- Se la password non rispetta le regole per la configurazione della password, sarà necessario selezionare di nuovo una password che rispetti tali regole.

Per modificare i dati dell'utente

È possibile cambiare la password nella sezione dei dati dell'utente.

1. Selezionare un utente per il quale si desidera modificare i dati e premere il tasto <Modifica>.
2. Impostare di nuovo i dettagli da modificare.
 - Soltanto l'amministratore può cambiare la password.
3. Una volta impostata la password, premere il tasto <OK>.

Utente : user1

Selezionare un dispositivo : Device

Usare una password : ☒ ON ☐ OFF

Password :

Conferma la password :

OK Annulla

Per eliminare un utente

È possibile selezionare ed eliminare un utente registrato.

1. Selezionando l'utente da eliminare e premendo il tasto <Elimina>, apparirà la finestra a comparsa per confermare l'eliminazione.
2. Premere il tasto <OK> per eliminare l'utente selezionato.
3. Premendo il tasto <Elimina tutto> e il tasto <OK> nella finestra a comparsa, tutti i dispositivi registrati saranno eliminati.
 - Dal momento che "admin" è l'amministratore, non può essere eliminato.

Utilizzo dei tasti del joystick

Selezionare gli elementi da usare con il tasto del Joystick e premere il tasto <OK>.

La funzione opera in base a come viene selezionato il Joystick.

Impostazioni del Joystick

Messa a fuoco automatica Blocca Target Invio

OK Annulla

Impostazione del ID del dispositivo di controllo

Durante il collegamento tra diversi dispositivi di controllo, è possibile configurarlo come dispositivo di controllo principale o secondario. È anche possibile selezionare il ID e protocollo del dispositivo di controllo da usare.

1. Selezionare il menù <Controllore ID>.
2. Inserire il ID del dispositivo di controllo da usare.
3. Selezionare RS-485 o RS-422 per impostare il metodo di comunicazione del dispositivo di controllo.
4. Selezionare il dispositivo di controllo principale o secondario e impostare i dettagli.
 - Quando si usa mentre è collegato a molteplici dispositivi di controllo, impostare la lista secondaria.
5. Una volta completata la configurazione, premere il tasto <OK>.

Si prega di inserire i dettagli di seguito per impostare l'ID del controller

Controllore ID : 0

Protocollo : RS-485

Porta 2 : Master 38400 SUB Elenco

OK Annulla

impostazioni di configurazione

Cambia modulo

È possibile cambiare la posizione tra jog/shuttle e il joystick da sinistra a destra e viceversa.

1. Selezionare il menù **<Cambia modulo>**.
2. È possibile verificare che il dispositivo sia spento e cambiare la posizione del jog shuttle con il Joystick premendo il tasto **<Esci>**.
3. Per uscire dalla schermata, premere **<Annulla>**.

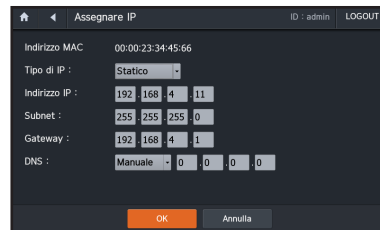


RETE

Configura il tipo di connessione e ambiente di rete.

- Tipo di IP: Seleziona il tipo di connessione di rete.
- Indirizzo IP: Subnet, Gateway, DNS
Nel caso di **<Statico>**: È possibile inserire direttamente l'indirizzo IP, Subnet, Gateway e DNS.
Nel caso di **<DHCP>**: Indirizzo IP, Subnet e Gateway vengono configurati automaticamente.

- Quando si imposta manualmente la modalità DNS, è possibile inserire direttamente i dati dell'IP DNS.



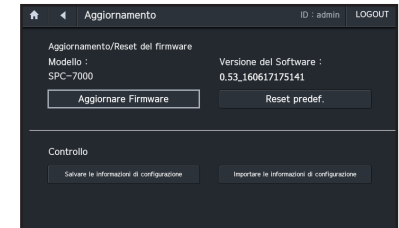
AMBIENTE DEL SISTEMA

È possibile aggiornare il firmware corrente utilizzando i file del firmware della memoria USB.

Per aggiornare il firmware del controller

È possibile scaricare gli ultimi file del firmware e aggiornare il controller.

1. Collegare un dispositivo di memoria USB nel quale è stato salvato il nuovo Firmware per il dispositivo di controllo di rete.
2. Dalla schermata di configurazione dei menu, premere **<Sistema>**.
3. Premere **<Aggiornare Firmware>**.
4. Nella finestra di Aggiornamento, premere il tasto **<OK>**.
5. Attendere il riavvio del sistema dopo l'aggiornamento.



- Non scollegare la memoria USB o il cavo di alimentazione durante l'aggiornamento. In caso contrario, l'aggiornamento del firmware potrebbe fallire, o si potrebbe verificare un errore di sistema.

Reset predef.

È possibile annullare le impostazioni correnti e tornare alle impostazioni predefinite.

1. Premere **<Reset predef.>**.
2. Premere **<Reset>**.
Le impostazioni correnti ritornano alle impostazioni predefinite.
3. Per uscire dal menu, premere **<Annulla>**.



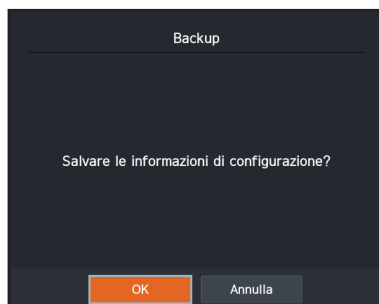
Per eseguire il backup delle impostazioni del controller

Per cambiare il controller o sostituire la telecamera, è possibile salvare le impostazioni del controller in un file e caricarle in una nuova telecamera.

1. Dalla schermata di configurazione dei menu, premere **<Sistema>**.
2. Premere **<Salvare le informazioni di configurazione>**.
3. Premere **<OK>**.
Il processo di backup inizia.



- Non scollegare la memoria USB o il cavo di alimentazione durante il backup. Altrimenti il backup delle impostazioni del controller potrebbe fallire.



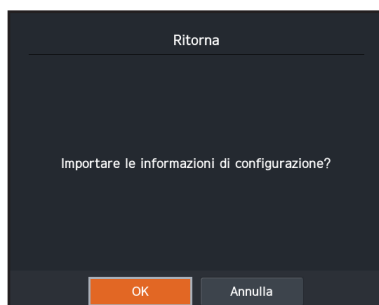
Per ripristinare le impostazioni del controller

Se il controller non è stato impostato correttamente o resettato è possibile caricare le impostazioni correnti su un altro controller.

1. Dalla schermata di configurazione dei menu, premere **<Sistema>**.
2. Premere **<Importare le informazioni di configurazione>**.
3. Premere **<OK>**.
Il processo di ripristino inizia.



- Non scollegare la memoria USB o il cavo di alimentazione durante il ripristino. Altrimenti il ripristino delle impostazioni del controller potrebbe fallire.



TELECAMERE DI CONTROLLO

È possibile configurare una telecamera, un dispositivo di stoccaggio e il menù delle impostazioni.

- Se si tratta della versione SUNAPI di una telecamera di rete registrata, una specifica funzione potrebbe non funzionare.

Impostare la modalità Controllo Telecamera

Selezionare <Telecamera> sulla schermata principale.

Selezionare una telecamera

Usando i tasti direzionali, spostarsi sulla telecamera desiderata sulla lista delle telecamere registrate e premere il tasto [ENTER].

Usando i tasti direzionali, spostarsi al tasto <OK> e premere il tasto [ENTER].

- È possibile attivare una telecamera cliccando su un numero + tasto [CAM].



Controllo Panoramica/Inclinazione

Nella modalità PTZ, è possibile controllare le funzioni PAN e INCLINAZIONE muovendo il Joystick del dispositivo di controllo verso l'alto, il basso, a sinistra o a destra. Più è lontano dal centro del joystick, più aumenta la velocità di movimento.

Zoom

Nella modalità PTZ, è possibile controllare lo Zoom della telecamera AVANTI/INDIETRO usando un dispositivo di controllo.

Messa a fuoco

Usando un dispositivo di controllo, è possibile controllare la messa a fuoco Vicino/Lontano.

Diaframma

Usando un dispositivo di controllo, è possibile regolare la luminosità del video.

- Telecamera di rete non supportata.

Telecamere di controllo

Premere il tasto [AF] sul dispositivo di controllo per attivare la messa a fuoco automatica della telecamera.

- Per ulteriori informazioni riguardo il dispositivo di controllo della telecamera, fare riferimento alla sezione "Nomi delle parti e funzioni". (pagina 7~8)

Predefinito

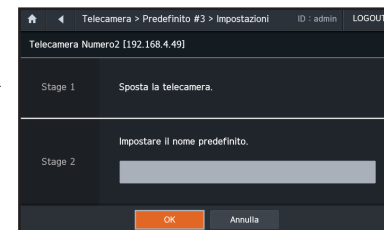
È possibile impostare un punto designato singolo e muovere la telecamera alla posizione designata.

- È possibile designare fino a 255 impostazioni predefinite.
- È anche possibile attivare un'impostazione predefinita facendo clic su [Preset] + numero + tasto [Preset].



Per impostare una preimpostazione

1. Selezionare la telecamera per cui si desidera impostare una preimpostazione.
2. Utilizzare il joystick per spostare la telecamera nel punto desiderato.
3. Impostare il nome predefinito.
4. Premere il tasto <OK> per salvare le modifiche.



Per eseguire la preimpostazione

1. Selezionare una telecamera.
2. Premere il tasto [PRESET].
3. Usando i tasti numerici, premere un numero da eseguire. Poi, premere il tasto [PRESET].
4. La preimpostazione viene eseguita.



Gruppo

È possibile creare un gruppo di preimpostazioni prima di richiamarle in sequenza.

- È possibile designare fino a 6 gruppi.
- Un singolo gruppo può contenere fino a 128 impostazioni predefinite.

Per impostare un gruppo

1. Selezionare il menù <Gruppo>.
2. Nella lista del gruppo, selezionare una lista individuale e premere il tasto <Impostazioni> per spostarsi alla sezione delle impostazioni.
3. Premere il tasto <Agg.>.
4. Nella lista delle impostazioni predefinite, selezionare un'impostazione predefinita da aggiungere al gruppo.
5. Specificare la velocità e il tempo di commutazione.
6. Premere il tasto <OK> per salvare le modifiche.



Per eseguire la funzione di gruppo

1. Selezionare il menù <Gruppo>.
2. Selezionare un'opzione dalla lista del gruppo.
3. Selezionare un numero del gruppo e premere Avvia.
4. La funzione di gruppo viene eseguita.

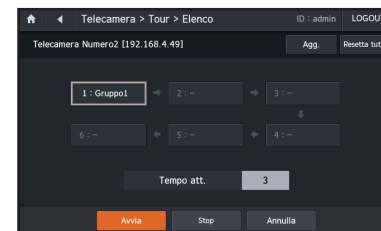


Tour

È possibile effettuare un tour di almeno un gruppo prima di eseguire i gruppi in sequenza.

Per impostare un tour

1. Selezionare il menù <Tour>.
2. Premere il tasto <Agg.> per spostarsi alla sezione Seleziona Gruppo.
 - È possibile inserire fino a 6 gruppi.
3. Selezionarne uno dalla lista del gruppo.
4. Immettere un'ora per rimanere.
5. Premere il tasto <OK> per salvare le modifiche.



Per eseguire la funzione di tour

1. Selezionare il menù <Tour>.
2. Selezionare un numero del gruppo e premere Avvia.
3. La funzione di tour viene eseguita.



Resetta

Selezionare il tasto <Resetta tutto>. La configurazione di tutti i Tour verrà resettata.

Oscillazione

È possibile spostare la telecamera tra due punti preimpostati per controllare il percorso.

Configurazione dell'oscillazione

1. Selezionare il menù <Oscillazione>.
2. Tra PAN, PAN/INCLINAZIONE e INCLINAZIONE, selezionare il tasto [PRESET] per impostare un'opzione.
3. Configurare un'impostazione predefinita di inizio e una di fine.
4. Impostare la velocità e ora di cambio.
5. Premere il tasto <OK> per salvare le modifiche.



Per eseguire l'oscillazione

1. Selezionare il menù <Oscillazione>.
2. Tra PAN, PAN/INCLINAZIONE e INCLINAZIONE, premere il tasto <Avvia> di un'opzione da eseguire.
3. La funzione di oscillazione viene eseguita.

Traccia

Con il joystick o i tasti della telecamera è possibile impartire al controller l'ordine di registrare il movimento della telecamera per un determinato periodo di tempo e ripetere il movimento.

Per impostare una traccia

1. Selezionare il menù <Traccia>.
2. Sulla lista traccia, selezionare un elemento individuale e cliccare sul tasto <Impostazioni>.
3. Usando il Joystick o tasti di controllo della telecamera, controllare il movimento di una telecamera per salvare le impostazioni.
4. Premere il tasto <Stop> per completare la configurazione.

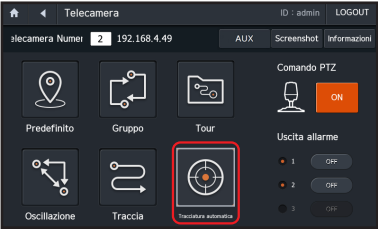


Per eseguire una traccia

1. Selezionare il menù <Traccia>.
2. Selezionare il numero di una traccia da eseguire.
3. Premere il tasto <Avvia>.
4. La funzione di traccia viene eseguita.

Tracciatura automatica

Può essere selezionato se accendere/spengere la funzione di tracciamento automatico di una telecamera che supporta tale funzione.



Uscita allarme

È possibile accendere o spegnere l'uscita allarme forzata.

- Se non si dispone dell'autorizzazione utente, la sincronizzazione con la telecamera potrebbe non riuscire.

Comando PTZ

Se si desidera controllare la funzione PTZ con il Joystick, attivare la funzione. In caso contrario, è possibile disattivarla.

Controllo delle funzioni aggiuntive della telecamera

Se si preme il tasto <AUX>, è possibile controllare la telecamera se supporta le funzioni aggiuntive.

Acquisizione schermata

Quando si preme il tasto <Screenshot> un'istantanea della schermata verrà salvata nella memoria USB.

Informazioni dettagliate sulla telecamera

Premere il tasto <Informazioni>. Appariranno informazioni dettagliate sulla telecamera.

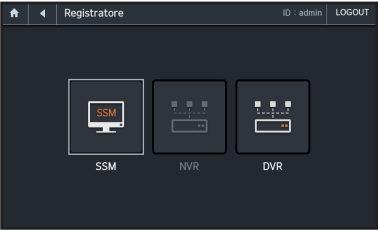
DISPOSITIVI DI STOCCAGGIO DI CONTROLLO

Dato che le funzioni possono variare a seconda del dispositivo, fare riferimento al manuale utente del dispositivo.

SSM

È possibile controllare i dispositivi di stoccaggio registrati nel SSM selezionando il SSM.

- Quando viene selezionato il SSM, la telecamera si avvierà nella modalità SSM.



Selezionare una modalità

Modalità SSM

Selezionare la <SSM>.

È possibile controllare il SSM e i dispositivi registrati nel SSM.

- Controlla il SSM a prescindere dal comando GUI.
- Per informazioni dettagliate su come usare il programma SSM, fare riferimento al manuale utente.

Joystick	
Sopra/Sotto/Sinistra/Destra	Nella modalità PTZ, è possibile controllare il movimento Panoramica e Inclinazione. Nella modalità Schermo, è possibile modificare la selezione del riquadro Sopra/Sotto/Sinistra/Destra. Nella modalità Mouse, è possibile spostare il cursore del mouse.
Rotazione	Nella modalità PTZ, lo schermo fa zoom in avanti nella direzione WIDE, e zoom indietro quando ci si sposta nella direzione TELE.

Controllo PTZ	
[FOCUS N/F] + 	Gestisce il movimento di messa a fuoco Vicino/Lontano.
[FOCUS N/F] + 	- [FOCUS N/F] +  : Messa a fuoco vicino - [FOCUS N/F] +  : Messa a fuoco lontano
[IRIS C/O] + 	Gestisce l'operazione diaframma Aperto/Chiuso.
[IRIS C/O] + 	- [IRIS C/O] +  : Diaframma Aperto - [IRIS C/O] +  : Diaframma Chiuso
[PRESET]	Quando si fa clic su un numero + tasto [PRESET] viene attivata la funzione predefinita corrispondente ad ogni tasto.
[GROUP]	Quando si fa clic su un numero + tasto [GROUP] è attivata la funzione Gruppo/Scansione corrispondente ad ogni tasto.
[TRACE]	Quando si fa clic su un numero + tasto [TRACE] viene attivata la funzione Percorso/Traccia corrispondente ad ogni tasto.
[ZOOM] + 	Gestisce il movimento di zoom in avanti.
[ZOOM] + 	Gestisce il movimento di zoom indietro.
Controllo del mouse	
[L(T. LOCK)]/[R(TRACK)]	Usa il tasto sinistra/destra del mouse nella modalità mouse.

Controllo schermo	
[MON.(CON.)]	È possibile modificare la selezione di monitor molteplici facendo clic su un numero + tasto [MON.(CON.)] in modalità schermo (precedente/successivo in base al numero dello schermo).
[LAYOUT(SEQ.)]	Quando si fa clic su un numero + tasto [LAYOUT(SEQ.)] è attivato il Layout corrispondente al numero di ogni tasto.
[CAM]	Quando si fa clic su un numero + tasto [CAM] viene attivata la telecamera corrispondente al numero di ogni tasto.
[ENTER]	Se si clicca una volta verrà visualizzato una schermata singola sul visualizzatore Live. Cliccando una seconda volta si ritornerà alla schermata precedente.
	Quando si clicca su un numero + il tasto [ENTER] nel visualizzatore Live, la schermata è divisa nelle parti corrispondenti al numero inserito.
Tasto LCD SnapShot	Registra il video del riquadro selezionato.
Tasto Allarme LCD UI Off	Inizializza l'evento.
numero + [TILE(VM)]	Si sposta sul titolo corrispondente al numero.
Cambia modalità	
[PTZ(MENU)]	Cambia la modalità PTZ. Fare clic sul tasto [PTZ(MENU)] durante la modalità PTZ e la modalità schermo sarà cambiata.
[SHIFT] + [MENU(Mouse)]	Cambia la modalità Mouse. Fare clic sul tasto [SHIFT] + [MENU(Mouse)] durante la modalità mouse e la modalità schermo verrà cambiata.
[SHIFT] + [Mon.(Con.)]	Cambia la modalità console.
[SHIFT] + [TILE(VM)]	Avvia il comando VMD.

Comando riproduzione schermo	
[SEARCH]	Esegue il video del riquadro corrente tramite la ricerca/live.
	Il video verrà interrotto.
	Riproduce e mette il video in pausa.
	Avvia/Termina la registrazione manuale del video.
Rotella Shuttle	Riproduzione veloce in avanti quando la rotella viene girata in senso orario, o riproduzione veloce indietro quando la rotella è girata in senso antiorario.
Rotella perno	Esegue la ricerca dei fotogrammi.
0 ~ 9	Tasto per inserire un numero.
[ESC(SETUP)]	Inizializza l'inserimento di un numero. ■ La funzione Reset è disponibile soltanto nella modalità SSM.

Modalità Controllo GUI

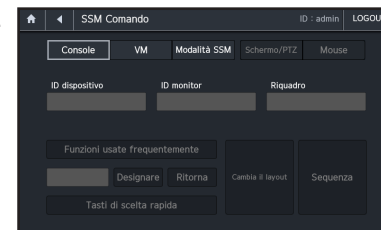
1. Premere il tasto [SHIFT], [RECORDER/SSM].

2. Selezionare <Console>, <VM>.

Se sono selezionate la Console o la modalità virtuale, saranno abilitate ulteriori funzioni secondarie configurabili.

- ID dispositivo: È disabilitato quando si controlla il SSM
- ID monitor: Premere un numero + il tasto [MON.CON.].
- Riquadro: Premere un numero + il tasto [TILE/VM].

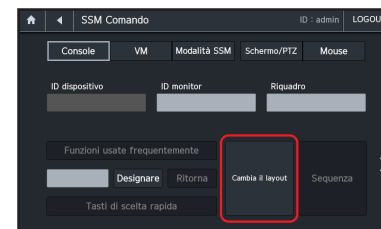
3. Selezionare la modalità che il dispositivo userà, tra: <Schermo/PTZ> o <Mouse>.



Cambia il layout

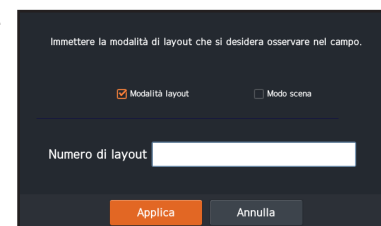
1. Premere il tasto <Cambia il layout>.

- Quando si controlla il SSM, la modalità schermata verrà disabilitata.



2. Immettere il numero del Layout da modificare.

3. Selezionare il tasto <Applica>. Il Layout cambierà a seconda della configurazione impostata.



Registrando

Avvia o interrompe la registrazione.

Ricerca

Visualizza un playback del video.

Istantanea

Salva un'istantanea.

- L'istantanea verrà salvata nel PC dove è installato il SSM.

Allarme disattivato

Spegne un evento allarme.

DVR

È possibile controllarlo collegandolo al DVR.

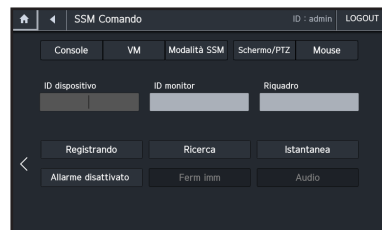
1. Selezionare <DVR>.

Saranno abilitate le funzioni secondarie.

- Nel protocollo SRD, a seconda del DVR collegato, soltanto i menù configurabili verranno visualizzati sullo schermo.

- ID dispositivo: Premere ID DVR.
- ID monitor: è disabilitato quando si controlla il DVR
- Riquadro: Premere un numero + il tasto [TILE/VM].

2. Selezionare la modalità <Schermo> o <PTZ> per il dispositivo da usare.



Cambia il Layout

1. Premere il tasto <Cambio il scena>.
2. Inserire il numero di layout da cambiare.
3. Selezionare il tasto <Applica> per cambiare il layout in base alla configurazione.

Registrando

Avvia o interrompe la registrazione.

Ricerca

Visualizza un playback del video.

Allarme disattivato

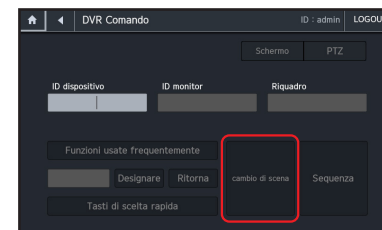
Spegne un evento allarme.

Pausa

Mette in pausa un playback del video.

Audio

Regola il volume del video in playback.



SPECIFICHE

Elemento	Descrizione
Sistema di comunicazione	SSM RJ-45(Ethernet) RS-485 / 422
Unità da comandare	Max 255
Compatibilità	Telecamera di rete/analogica, SSM, DVR
Protocollo (Telecamera di rete)	SUNAPI
Protocollo (Telecamera analogica)	Samsung-T, Samsung-E, PELCO-D, PELCO-P, Panasonic, Honeywell, ELMO, Vicon, GE, AD, Bosch
Protocollo (DVR)	SRD
Supporto multilingue	Inglese, spagnolo, francese, italiano, tedesco, polacco, turco, russo, coreano, cinese, giapponese
Display LCD	LCD TFT da 5" + LCD touch
Porta USB	Backup / ripristino, aggiornamento software
Joystick	Controllo PTZ (zoom rotazione triassiale)
Jog/Shuttle	SSM, Comando di riproduzione DVR
Alimentazione	CC 12V, Max 6,4W
Temperatura di esercizio	0°C ~ 40°C
Umidità di esercizio	20%~85%
Dimensioni	459.1(L) x 59.1(H) x 177.9(P) mm
Peso	1,5 kg (adattatore escluso)

DOMANDE E RISPOSTE

Problema	Azione
Impossibile comunicare con il dispositivo di controllo.	• Verificare che le linee di comunicazione RS-485 siano collegate regolarmente. • Verificare il cavo di connessione tra il SPC-7000 e il PC. • Verificare che l'indirizzo IP del dispositivo di controllo della rete sia corretto.
La memoria USB non viene riconosciuta correttamente.	• Controllare che la memoria USB funzioni correttamente.

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Version 2.1, February 1999

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a “work that uses the Library” with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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