

## IP/2 wires 2nd generation - come importare immagini da telecamere o registratori Hikvision sul posto interno

## Descrizione:

Questo "how-to" identifica la procedura per importare immagini da telecamere o registratori Hikvision sul posto interno (principale), con le opportune accortezze relative ai settaggi basilari. È possibile importare fino a 16 flussi (intesi come singoli stream), pertanto è ad esempio realizzabile la visualizzazione di 10 telecamere IP e 6 canali di NVR o altre combinazioni similari. La funzione è disponibile quando un posto interno è programmato come principale.

## Dispositivi compatibili e loro versioni:

DS-KH8350-WTE1		Posto interno: V2.1.10_build210106
DS-KH8520-WTE1	Versione	<b>Android:</b> V2.1.16_build201223
DS-KH9x10-WTE1 Android	iVMS4200	Baseline V. 3.5.0.7

1) Aggiunta di un flusso da dispositivo presente sulla stessa rete. Selezionare il posto interno da programmare, entrare in "remote configuration, menu "Intercom" >> "IP camera information" e premere sul tasto "Add" per avviare la procedura. <u>Nota importante</u>: questa fase preliminare è identica sia per l'aggiunta di una telecamera che di un canale di registratore.

Device Information General Add Edit Delete Export Import Add Edit Delete Export Import Index Del Add and Getting Stream Mode URL Manufacturer Protocol User Password I R5435 Security Intercom Time Parameters Permission Password Zone Alarm Volume Input/Output Ring Information Calling Information Calling Information Ring Information Calling Linkage Relay Extension Settings Volume Ketting	Device Information IP Camera Information Index De Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Mode URL Manufacturer Protocol User Password IP Add ame Getting Stream Add Add ame Getting Stream Add Add Add Add Add Add Add Add Add Ad	🝷 🚱 System	IP Camera Information	
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2) Aggiunta telecamera IP. Compilare i campi richiesti in fase di aggiunta. Il campo "Device type" e "Getting stream mode" sono fissi ed invariabili; il campo "Device name" è arbitrario, i rimanenti rispecchiano invece le credenziali della telecamera in fase di implementazione. Il parametro "Channel" deve essere posto di valore 1. Si noti che, come indicato in seguito, viene importato il flusso sub-stream della telecamera. Al termine cliccare su "OK" per completare l'aggiunta.

Remote Configuration									
🝷 🊱 System	IP Camera Information								
🏶 Device Information									
🏟 General	IP C	amera Information							
🏶 Time		Add IF	o Camera						
🏶 System Maintenance	Ind	Device Type	Camera 🔻						
🏶 User		Getting Stream Mode	Direct 👻						
🏶 RS485		Device Name	Telecamera						
🏶 Security		IP Address	192.168.80.99						
		Port No.	554						
		User Name	admin						
🐺 Time Parameters		Password	•••••						
🏶 Permission Password		Channel No.	1						
🏶 Zone Alarm		Manufacturer Protocol	HIK Protocol 🔹						
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🏶 Volume Input/Output									
🏶 Ring Import			OK Cancel						

**3)** Aggiunta canale registratore. Analogamente a quanto visto nel caso di una telecamera IP, compilare i campi richiesti in fase di aggiunta. Il campo "Device type" e "Getting stream mode" sono fissi ed invariabili; il campo "Device name" è arbitrario, i rimanenti rispecchiano invece le credenziali del registratore in fase di implementazione. Il parametro "Channel", nel caso di un registratore, identifica il canale della telecamera che si vuole importare; ad esempio, se una telecamera è inserita in un NVR al canale 2, tale valore deve essere posto nel campo "Channel". Al termine cliccare su "OK" per completare l'aggiunta.

💮 Config	guration															
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모	Local	PoE C	channel IP (	Lamera											Device Type	Camera
	System	16	P Camera				Add Modify	Delete	Quick Add	Custom Proto	col Acti	vation		Getting	Stream Mode	Direct
	System Settings		Channel No.	Camera Name	IP Address	Channel No.	Management Port	Security	Status	Protocol	Connect			+	Device Name	Registratore
	Maintenance		D1	TEST	192.168.80.99	1	8000	Strong	Online	HIKVISION			^		IP Address	192.168.93.95
	Security		D2		192.168.80.3		8000			HIKVISION					Port No.	
	Camera Management		D3	IPCamera 03	192.168.254.4	1	8000	N/A	Offline(IP camera	HIKVISION					User Name	admin
	User Management		D4	IPCamera 04	192.168.254.5	1	8000	N/A	Offline(IP camera	HIKVISION					Password	•••••
	Live View Settings		D5	IPCamera 05	192.168.254.6	1	8000	N/A	Offline(IP camera	HIKVISION					Channel No.	2

## **HIKVISION**<sup>®</sup>

Al termine delle procedure di aggiunta, tutte le informazioni inserite sono presenti sul menu "IP Camera information" ed i diversi flussi sono visibili sul display del posto interno accedendo al menu "Vista live" con riferimento al "Device name" impostato.

IP Cam	IP Camera Information										
Ac	dd Edi	t Delete	Expo	ort Import							
Index	Device Name	Getting Stream Mode	URL	Manufacturer Protocol	User	Password	IP Addre				
1	Telecamera	Direct		HIK Protocol	admin	****	192.16				
2	Registratore	Direct		HIK Protocol	admin	****	192.16				

4) Impostazioni di base per flusso sub-stream importato su posto interno. Il flusso acquisito, sia esso proveniente da una telecamera IP o da un canale di un registratore, <u>è sempre il sub-stream</u>. Si deduce pertanto che non vi sono limiti di risoluzione massima supportata (sono utilizzabili anche telecamere native 4K) a patto di impostare correttamente i <u>parametri del sub-stream</u> come di seguito indicato:

- Risoluzione massima 1280x720
- Codifica video H.264

<b>HIKVISIO</b> N®	Vista live Pl	ayback Immagine	Configurazione
Locale	Video ROI Vis	ualizza informazioni Su Stream	
System (Sistema)	Tipo Stream	Sub Stream	~
🚱 Rete	Tipo video	Stream video	$\sim$
Q. Video e audio	Risoluzione	640*480	$\sim$
🔝 Immagine	Tipo Bit Rate	Variabile	~
Evento	Qualità video	Media	~
Memorizzazione	Frame Rate	10	✓ fps
	Bitrate max.	128	Kbps
	Codifica video	H.264	$\sim$
	Profilo	Profilo principale	$\checkmark$
	Intervallo Frame I	40	
	SVC	OFF	$\checkmark$
	Fluidità video	0	50 [ Nitido<->Fluido ]
	🖹 Salva		

Per i registratori, è necessario disabilitare la funzione "Stream Encryption"

HII	VISION	Live View	Playback	Picture	Configuration
	System	Authentication	Security Service	Default IP Camera	Password Management
	System Settings	Enable SSI	4		
	Maintenance	🗌 Stream En	cryption		
	Security				
	Camera Management	₿	Save		
	User Management				

