DIGIEVER Streaming Server



SS-7100-RM

Rack-mount Linux-embedded H.265 & H.264 Streaming Server













Maximum 128-channel Connection

You can connect up to 128 channels with dual-stream for different access purposes. Streaming with higher resolution for recording while streaming with lower resolution for live monitoring, which can save bandwidth usage and offer you a faster access experience.

■ Powerful Streaming Forwarding Performance Its powerful streaming forwarding performance is ideal for remotely simultaneous access for diverse devices and accounts. One streaming server can simultaneously provide up to 1000 streams, which can incredibly increase the scalability of remote monitoring deployment and decrease

Advanced Streaming Authorization

the streaming limitation of IP cameras.

Streaming Server authorization provides 3 levels of privilege management (administrator, power user, and user) and allows you to create up to 1024 user accounts to define its camera access list for individual system management. It is a smart way to ensure the privacy and security of video data.

Advanced and Reliable Security System

Streaming Server adopts reliable Linux-embedded system and features detailed log design, which helps users execute system maintenance. Through USB dongle/PC, users can easily save and load system configuration of Streaming Server.

Multi-layer Dynamic E-map

Streaming Server supports multi-layer maps allowing users to have different perspectives and cameras deployment on each map. In addition, by double-clicking camera icon, an adjustable video window with diverse functional buttons will pop out to help users monitor real-time situation.

Seamless 24/7/365 Monitoring

Streaming Server will automatically detect the streaming resources to ensure the continuous surveillance when the Failover Server takes over the failed NVR.

Liveview Monitoring Everywhere

All accounts can check live videos everywhere via software application on Windows PC, iOS and Android mobile devices. Via Streaming Server, you can smoothly monitor anytime and anyplace through DIGIEVER IP video surveillance solutions, such as DIGIEVER NVR, DIGIEVER CMS and Video Wall Station. The Streaming Server supports up to 128 clients simultaneously access to one camera. It is an ideal for multi-client monitoring application.

Diverse Display Modes & Focus Sequential

Via Streaming Server's remote client, the server offers a variety of diverse display modes (1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 16, 20, 25, 30, 32, 36, 42, 49, 56, 64, 5+1/12+1-channel & Sequential and Full Screen) to suit different surveillance needs. The powerful 5+1/12+1-channel Focus Sequential Display Mode provides flexible monitoring solution for diverse businesses requirements.

16-channel Simultaneous Playback

Streaming Server features 16-channel simultaneous playback for cameras that are added via DIGIEVER NVR in the LAN environment. The design of playback is the same as DIGIEVER NVR. In addition to liveview monitoring, user can intuitively find the crucial videos, take a snapshot and export videos on Streaming Server's remote client.

■ Smart Search, Data Search & Time-divided Search

Smart search allows users to intelligently find accidental events such as foreign object or missing object when the camera is added via DIGIEVER NVR. To find data recorded in DIGIEVER NVR, data search helps users to intuitively get the key date such as motion detection and people counting data. Time-divided search helps users efficiently find the key Frame to export related videos and snapshots.

User-friendly Design

Trouble-free installation in 4 steps, ONVIF & UPnP search and one-click camera parameter application (apply to same camera models) helps to quickly finish server's settings.

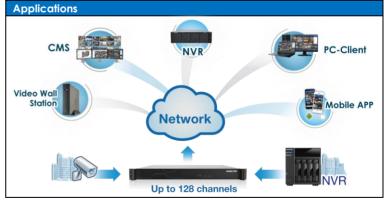
Compatible Network Camera Brands and Partners



Technical Specifications

System	
Operating System	Linux-embedded
CPU	Intel Quad-core High Performance Processor
LAN Port ¹	2 x 2.5 Gigabit Ethernet
USB Connector	4 x USB3.2 Gen 1x1 (Rear x 4)
Video Output Connector	2 x HDMI 2.0a (for Local Display)
GPIO	4-out
Operating Temperature	0~40°C
Operating Humidity	5~95% R.H.
Power Supply	Input: 100-240V AC, 50/60 Hz, Output: 250W
Power Consumption	60W
Form Factor	1U Rackmount (rackmount ears mounted)
Certification	CE, FCC, BSMI, VCCI and C-Tick
H/W Dimensions	44.4(H) x 430(W) x 348(D) mm
	1.7(H) x 16.9(W) x 13.7(D) inch
	(1) Local display setting
User Interfaces	(2) Remote client: liveview, playback², E-map
	(3) Mobile App: Android and iOS
Forwarding	
Supported Channels	128
Dual-streaming per Channel	Yes
	4K (6M bitrate): 160 streams
Output Stream	Full HD (4M bitrate): 350 streams
(H.265 & H.264)	HD (2M bitrate): 600 streams
	CIF (512K bitrate): 1000 streams
Video Format	H.265, H.264, MJPEG, MxPEG, ZIPStream
Remote Liveview	
Max. clients to access one	Up to 128
	•
Max. clients to access one	Resolution up to 8MP (4K UHD) per channel
Max. clients to access one camera Support Camera Resolution	Resolution up to 8MP (4K UHD) per channel (H.264 & H.265)
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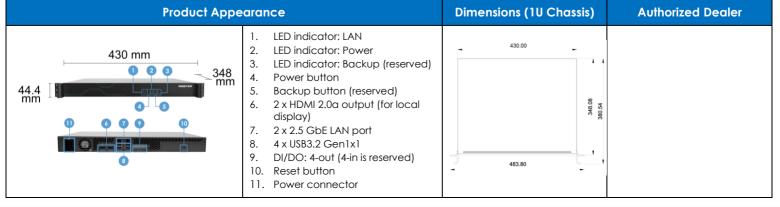
Security Management			
User Privilege	Administrator, Power user and User		
Max. Number of Account	Up to 1024		
System Log Information	Hardware log, System log, Current user log and		
	Historical user log		
Timeout Setting	Set up auto timeout period		
IP Range Access Control	White/Black list to permit or prohibit specific IP		
	address		
Event & Action Management			
Event Types	Streaming Server Event System event: Network disconnected, UPS warning, Abnormal shutdown Hardware event: CPU temperature warning, CPU fan warning, System fan warning, Battery low warning Camera Network Disconnected NVR Event2: Sternal events (HPPT-in) Camera events		
Action Types	Event log blinking, Event log history, E-Mail notification, SMS, Buzzer alarm, Built-in digital output		
Network Service	Network Service		
Two LAN Port	Share IP, Separated IP, Link Aggregation		
Applications Protocol	HTTP, TCP/IP, DHCP, UPnP, NTP, IPv6		
Built-in Servers	Built-in DHCP/NTP Server		
Remote PC requirements			
OS	Microsoft® Windows® 10/11		
CPU	Intel® i7 CPU or above		
Memory	16G or above		
Language			
Supported Languages	Croatian, Czech, Dansk, Deutsch, Dutch, English, Finnish, French, Indonesian, Italian, Japanese, Korean, Hungarian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish, Traditional Chinese, Simplified Chinese, Vietnamese		



*All designs and specifications are subject to change without prior notice.

Note1. User is advised to connect Streaming Server and end devices with gigabit switch.

Note2. Please make the camera added via NVR. The network environment of Streaming Server and NVR is in the same LAN.



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