

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



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.

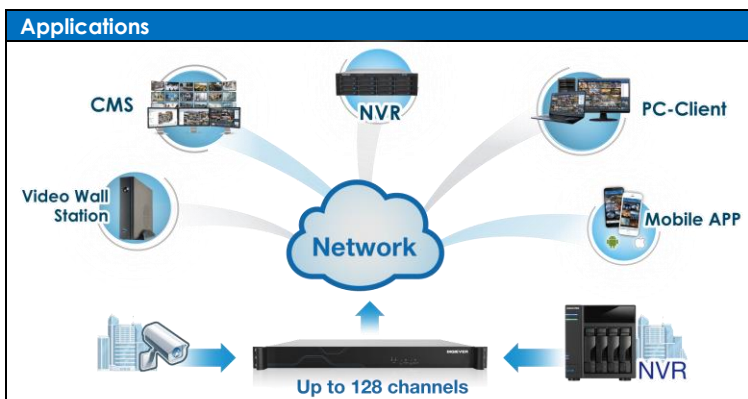
## Technical Specifications

System	
Operating System	Linux-embedded
CPU	Intel Quad-core High Performance Processor
LAN Port <sup>1</sup>	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
User Interfaces	(1) Local display setting (2) Remote client: liveview, playback <sup>2</sup> , E-map (3) Mobile App: Android and iOS
Forwarding	
Supported Channels	128
Dual-streaming per Channel	Yes
Output Stream (H.265 & H.264)	4K (6M bitrate): 160 streams Full HD (4M bitrate): 350 streams 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 camera	Up to 128
Support Camera Resolution	Resolution up to 8MP (4K UHD) per channel (H.264 & H.265)
Liveview Optimization	Smart dual stream auto switch
Image Effects	(1) Fisheye camera dewarping (2) Camera corridor mode
Liveview Control	PTZ panel, PTZ patrol, Auto focus, Digital zoom in/out, Audio, OSD setting, Snapshot, Auto/Manual stream change, Two-way audio, DIGI-dewarp
E-Map	Multi-layer maps, Pop-out window
Remote Playback <sup>2</sup>	
Supported Channels Camera	16-channel simultaneously playback
Display mode	1/4/5/9/16 channel & full screen
Search Modes	Date, time, channel and recording type
Playback Control	Rewind, Slow motion, Fast forward, Backward/Forward playback, Advanced setting for Backward/Forward button, DIGI-dewarp, Export, OSD, Snapshot, ROI, Customized watermark, Time-divided search, Data search.
Smart Search	Motion detection, Foreign object detection, Missing object detection, Camera tampering detection, Lose focus detection
Video Player	Installation-free NVRPlayer with multi-channel playback

**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.

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	1. Streaming Server Event (1) System event: Network disconnected, UPS warning, Abnormal shutdown (2) Hardware event: CPU temperature warning, CPU fan warning, System fan warning, Battery low warning 2. Camera Network Disconnected <sup>2</sup> 3. NVR Event <sup>2</sup> : (1) External events (HPPT-in) (2) Camera events
Action Types	Event log blinking, Event log history, E-Mail notification, SMS, Buzzer alarm, Built-in digital output
Network Service	
Two LAN Port Applications	Share IP, Separated IP, Link Aggregation
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.

Product Appearance	Dimensions (1U Chassis)	Authorized Dealer
<ol style="list-style-type: none"> <li>LED indicator: LAN</li> <li>LED indicator: Power</li> <li>LED indicator: Backup (reserved)</li> <li>Power button</li> <li>Backup button (reserved)</li> <li>2 x HDMI 2.0a output (for local display)</li> <li>2 x 2.5 GbE LAN port</li> <li>4 x USB3.2 Gen1x1</li> <li>DI/DO: 4-out (4-in is reserved)</li> <li>Reset button</li> <li>Power connector</li> </ol>		