

Synectics Web Server

Multi-Channel Video Transcoder with Combined Web Server

Synectics Web Server provides secure remote access to IP video footage from Synectics Recording Management System through PC, mobile phone and tablet devices.



With a standard web browser and log in credentials, users can view live streams from selected cameras, retrieve video from specified time periods and/or control PTZ movement. Synectics Web Server can transcode and transmit up to 24 independent live or recorded streams with up to 24 simultaneous users at a time.

When bandwidth is limited, video frame rate, resolution and picture quality can be stepped down for optimized playback performance. This ensures users will have access to critical video, if and when connectivity is constrained.

Web Server can be viewed on mobile and tablet platforms including iOS, Android and Microsoft Windows.

Users can select cameras via a dropdown menu to view live and recorded footage on web-enabled mobile phones or tablets.

Features

- Authorized remote users can access live or recorded video through an Internet browser
- User-selectable video quality and frame output to accommodate low bandwidth connections
- Transcodes all Synectics video products and an extensive range of third-party IP video providers
- Configurable permissions and accounts ensure controlled access

- User activity auditable from the main control room through Synergy
- Simultaneous access for up to 24 users

Benefits

- Visually verify alarms from remote sites reducing the number of call outs for false alarms
- Stream control room footage to users at offsite events for a comprehensive security overview
- Monitor multiple sites remotely with low-cost internet access
- Provides access to system footage from outside of the control room for remote management

Specifications

IT ARCHITECTURE	
O/S	Microsoft Windows Server 2016
PORTS	
USB	3 x USB 3.0 (1 Front, 2 Rear) 2 x USB 2.0 (2 Rear)
Ethernet	2 x 10GbE NIC's, teamable. 1 GbE connection required for operation.
Display	1 x VGA
APPLIANCE FUNCTIONALITY	
Lockable Front Panel	Yes
Synectics Advanced Health Monitor	Yes
Quick Lock Rack Kit	Yes
Advanced Out-Of-Band Remote Management Service including IP-KVM	Yes
SNMP Alarms	Yes
POWER	
Hot Swap PSU	Yes
Power Consumption	Max 300w, Normal 140w
Power Requirements	110 – 240VAC
BTU's	Max 1025 / Hr
GENERAL	
Size	1U – 45 mm x 430 mm x 700 mm / 1.7" x 17" x 27.5"
Weight	6 kg / 13 lb
Operating Temperature	18°C - 30°C (64°F - 86°F) recommended. Maximum normal operating temp 35°C (95°F). Short term maximum operating temp up to 45°C (113°F) for up to 1% of maximum yearly uptime.
Storage Temperature	-20°C - 80°C (-4°F - 176°F)
Humidity	5% to 90% Non-Condensing, 40% Recommended
Certifications and Approvals	RoHS Compliant EMI/EMC Certification Other Certification Pending