



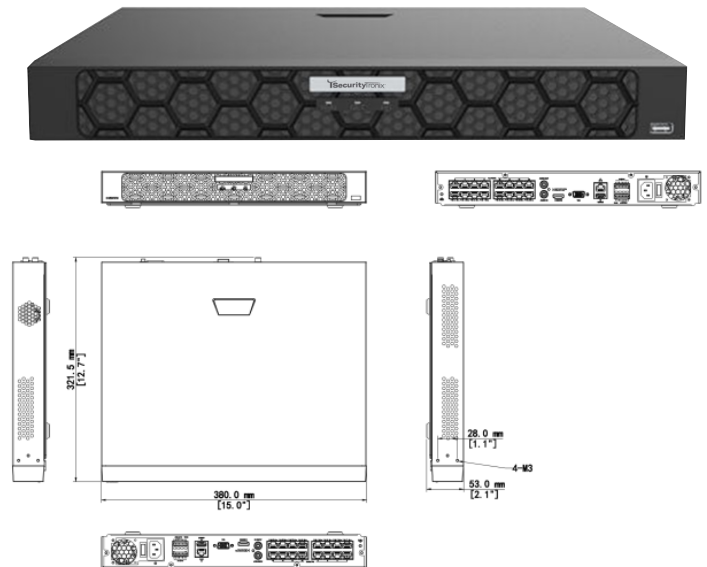
ST-GNVR8-P8-PRO | ST-GNVR16-P16-PRO

8/16 Channel Network Video Recorder with Built-in 8/16-Port PoE



The SecurityTronix PRO NVR Series is a powerful and versatile 8/16-channel Network Video Recorder (NVR) designed to provide unmatched flexibility and performance, making it the ideal solution for securing any commercial, industrial, or government facility. This NVR supports up to 8/16 IP cameras with a total recording capacity of up to 14 TB Per Hard Drive, ensuring that your video data is securely stored and easily accessible.

Enhance your surveillance system with SecurityTronix's cutting-edge NVR technology and experience the difference in security management.



Key Features

- Available in 8-channel and 16-channel
- Plug & Play with 8 or 16 independent PoE network interfaces
- High-resolution recording:
 - 8-channel: Supports up to 12MP camera resolution
 - 16-channel: Supports up to 16MP camera resolution
- Storage capacity:
 - 2 SATA interfaces supporting up to 14TB HDD/interface
 - RAID 1 support (16-channel models only)
- High incoming bandwidth:
 - 8-channel: Up to 160 Mbps
 - 16-channel: Up to 320 Mbps
- License Plate Recognition (LPR) support.
Compatible with models: ST-GIP2VFB-LPR and ST-GIP4VFB-MZ-LPR
- SmartView – Intuitive interface for managing live video and playback
- Smart Search – Quickly locate motion-triggered events in recorded footage
- ANR (Automatic Network Replenishment) – Recovers missing video during network outages

Available Accessories



Hard Drive

WD10PURX
WD20PURX
WD30PURX
WD40PURX
WD60PURX
WD82PURX
WD102PURX
WD122PURP
WD142PURP

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Decoding	
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	8CH: Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30 16CH: Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 16 x 720P@30
Audio Compression	G.711A, G.711U

Network	
Incoming Bandwidth	8 CH: 160 Mbps 16 CH: Smart Off: 320Mbps, Smart On: 160Mbps
Outgoing Bandwidth	8CH: 128 Mbps 16 CH: 160 Mbps
Remote Users	128
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, IPv6, IPv4
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+

Video/Audio Input	
IP Video Input	8CH: 8-Channels 16 CH: 16-Channel
RCA Audio Input 1-ch	1 Channel

Video/Audio Output	
HDMI Output	4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output	1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
RCA Audio Output	1 Channel
Liveview Display	8CH: 1/4/6/8/9, 16CH:1/4/6/8/9/16
Corridor Mode Screen	8CH: 3/4/5/7/9, 16CH: 3/4/5/7/9/10/12/16

Two-way Audio	
Two-Way Audio	1-ch, RCA (Using the audio input and output)

Snapshot	
FTP/Schedule/Event Snapshot	8CH: 4-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution) 16CH: 4-ch snapshot, up to 4K resolution

Recording	
Recording Resolution	8CH: 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF 16CH: 16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	8CH: 8 Channel, 16CH: 16 Channel

Smart	
VCA Detection by IPC	8CH & 16CH: Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Ultra Motion Detection (UMD), People Counting (People Flow Counting, Crowd Density Monitoring), Traffic Monitoring 16 CH Only: Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), Video Metadata
Smart by NVR	8CH: Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD) 16CH: Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD)
VCA Search	Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map, AcuSearch 16CH Only: SmartSearch+
Smart by IPC	8CH & 16CH: All channels (up to 8 images/s in total) Face Detection, Face Comparison, Vehicle Detection, SIP, UMD, Traffic Monitoring 16CH Only; Temperature Detection, Video Metadata,
Search by Image	Support
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR	8CH: 2 Channel 16CH: 4 Channel
UMD by NVR	8CH: 4 Channel 16CH: 8 Channel
Capacity of Snapshot Records	16 CH Only: 2 millions records for face snapshot, 2 millions records for vehicle snapshot, 3 millions records for SIP, 2 millions records for video Metadata

Alarm	
General Alarm	8CH Only: IDefocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/ Snapshot Abnormal, 16 CH Only: Array Damaged, Array Degraded

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GUI Language	
GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian

Hard Disk	
SATA	2 SATA Interfaces
Capacity	Up to 14 TB for each HDD (The maximum HDD capacity varies with environment temperature)
Disk Group	16CH Only - Support
Redundant Storage	16CH Only - Support
Disk Array Type	16CH Only - RAID 1

External Interface	
Network Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
USB	Front panel: 1 × USB2.0, Rear panel: 1 × USB3.0
RS485	1
RS232	N/A
Alarm In	8 Channel
Alarm Out	2 Channel
Power Supply	AC 100 - 240 V
Power Switch	16CH Only - Support Support

PoE	
PoE Interface	8CH: 8 RJ45 10 M/100 M self-adaptive Ethernet Interface 16CH: 16 RJ45 10 M/100 M self-adaptive Ethernet Interface
Max Power	8CH: Max 30 W for single port, Max 130 W in total 16CH: Max 30 W for single port, Max 240 W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af

Work Enviroment	
Working Temperature	8CH: 14-131°F (10-55°C) 16CH: 4 to 122°F (-10 to 50°C)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (Without HDD)	≤ 12W

General	
Dimensions (W×D×H)	15" × 12.7" × 2.1" (380 x 322 x 53 mm)
Height	1U
Weight (without HDD)	6.0 lb (≤2.7kg)
Warranty	2-Year Limited Warranty

Certifications	
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	Part 15 Subpart B