



ADVANCED  
TECHNOLOGY  
VIDEO

IP PRODUCT SERIES

## >>>PoE NETWORK VIDEO RECORDER

8 & 16CH NVR'S

**NVR8P**  
**NVR16P**



- > Connect and Record up to 8 or 16 IP Cameras
- > Real Time Recording of all Channels at Full HD 1920 x 1080 Resolution and 20-fps at 2048 x 1536 (3MP) Resolution
- > Embedded PoE Switch for all Channels
- > H.264 Compression for Best-in-Class Recording and Storage Performance
- > Concurrent Full HD Display on HDMI and VGA Monitor Outputs
- > View and Manage an Unlimited Number of NVR Units and Record and Manage up to 64 Individual Cameras with the included ATVision IP Remote Management Software
- > Up to 10 Simultaneous Remote Connections through ATVision IP Software
- > Supports Maximum of 5 Hard Disk Drives Internally and 1 e-SATA External Device
- > ONVIF Profile S Compliant for Network Video Interoperability
- > Powerful Pentaplex Functionality with Simultaneous Live, Recording, Playback, Backup and Network
- > Easy Plug and Play Functionality with Automatic Device Discovery and Display
- > Remote Compatibility with iPhone, iPad, Android
- > PTZ Camera Control by RS-485 and via Network
- > Self-diagnosis and Hardware Watchdog System for Checking Errors and Restoration of Functionality
- > Includes USB Mouse, IR Remote Control, SATA cables, Hard Disk Drive Mounting Hardware and Rack Mount Ears

8 & 16CH NVR'S

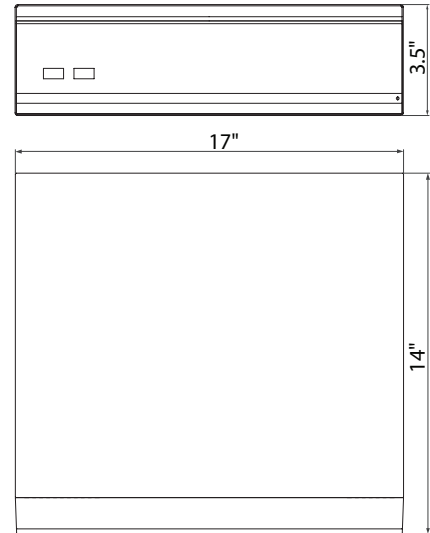
# NVR8P / NVR16P

IP PRODUCT SERIES

## SPECIFICATIONS

MODEL	NVR8P / NVR16P
VIDEO	IP Camera Input
	8 or 16
	Supported Video Format
	H.264, MPEG-4, MJPEG
	Recording Video Resolution
	320x240 ~ 2048 x 1536
	Recording Mode
	Continuous, Schedule, Event, Network
	Recording Frame/Sec (FPS)
	Max. 240 / 480fps @ 1920 x 1080; 160/320fps @ 2048 x 1536
DEMO	Search Mode
	Calendar, Time, Event, Protect, Capture
	Video Monitor Output
	HDMI, VGA
	Monitor Resolution
	1080p maximum
	Monitor Screen Modes
	Full, 4/6/8/9 or 4/6/8/9/13/16 split, PIP, Zoom
	Remote Mobile Support
	Android, iPhone, iPad
NETWORK	Supported Protocol
	TCP/IP, IPv4, HTTP, uPnP, DHCP, Zeroconfig, ONVIF v2.2 (Profile S)
	Remote Access
	ATVision IP Remote Management Software, Web Browser, Smart Manager
	Web Browsers
	IE, Chrome, Firefox
	No. of simultaneous connections
	10
	Remote Monitoring/Control
	NAT Transversal and E-Map support
GENERAL	Throughput
	6Mbps /Ch; 48Mbps Total (8Ch); 96Mbps Total (16Ch)
	Internal HDD
	Up to 5 SATA HDD's: 20TB Total Capacity
	External HDD
	Via 1 eSATA port : 24TB Total Capacity
	Audio (In/Out)
	8 / 16 (Ethernet) / 1 (RCA)
	Alarm
	Terminal TTL 8 / 16 Input, Terminal TTL 4 Output
ALARM	RS232
	Serial (9-Pin D-Sub)
	Ethernet
	100/1000 Base-T (Gigabit)
	Ethernet PoE Switch
	IEEE 802.3af
	Ethernet Ports
	8 / 16 x RJ45 PoE Camera Ports; 1 x RJ45 Network Port
	HDMI Monitor Output
	(Type A)
	VGA Monitor Output
	(15-Pin D-Sub)
	RS485 Output
	Terminal
	USB
	2 x USB2.0
	eSATA
	1 e-SATA port
	Power Source
	48VDC (Power Adapter & Cable included); 100-240VAC $\pm$ 10%
	Power Consumption
	Max. 150W (3.1A) (w/ sixteen PoE cameras)
	Operating Temperature
	0°C ~ +45°C (+32°F ~ +114°F)
	Humidity
	0%RH ~ 90%RH
	Dimension (W x H x D)
	17 x 3.4 x 13.6in (435 x 88 x 347mm)
	Weight
	5.5lbs (2.5kg) (without HDD)
	Conformity Certifications
	FCC, CE

## DIMENSIONS



ATVision IP Remote Management Software

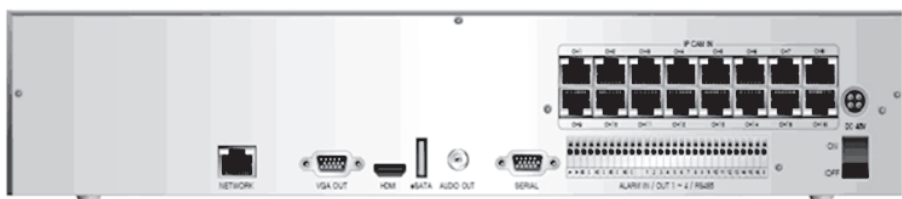
## ACCESSORIES

LB3L  
Digital Video eSATA External Storage Devices

Recorder Lockbox  
See eSATA External Storage Category



NVR8P Rear Panel View



NVR16P Rear Panel View

### Minimum System Requirements for ATVision IP Software

- Operating System: Microsoft Windows 7 (or 8) Professional/Enterprise/Ultimate
- CPU: Intel Core i7; RAM: 4GB; Ethernet connection: 1Gbps
- Graphics card: Gaming rated, with 1GB at 1080p for single monitor; 2GB at 1080p for multiple monitors
- HDD's: 7200RPM and 64MB cache; 1 separate HDD for operating system and software; and 1 (2TB) HDD for recording (refer to IP storage calculator)

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