



## >>>16-CHANNEL NETWORK VIDEO RECORDER, H.264, REAL TIME 480-IPS



### NETWORK VIDEO RECORDER **NVR16**



- > Connect and Record up to 16 IP Cameras
- > H.264 Compression with up to 480-ips Recording at D1 Resolution
- > Multiple Recording Modes: Schedule, Continuous, Event, Pre-Event and POS Text-In
- > Capable of Recording up to 5MP, 2560 x 2048 Resolution, Video Images
- > Multiple Search Modes: Date/Time, Calendar, Event, Bookmark and POS Text-In
- > Quick Setup with Automatic Camera Discovery
- > View and Manage up to 64 NVR16 Units with included Intelligent Video Surveillance Management Software: ATVision IP
- > Up to 10 Simultaneous Connections through Remote Monitoring Software
- > Network Time Synchronization
- > Daylight Savings Time Change Function
- > ONVIF Compliant for Network Video Interoperability
- > Alarm History Log and Pre-Alarm Recording
- > 16 Channels of Audio Recording
- > Supports up to Two Internal and Four External (via e-SATA port and RAID 5 Configuration) Hard Disk Drives
- > Self-diagnostics with Automatic Notification including Hard Disk Drive S.M.A.R.T. Protocol
- > Includes Four USB2.0 Ports ( 2 Front, 2 Rear)

# NETWORK VIDEO RECORDER

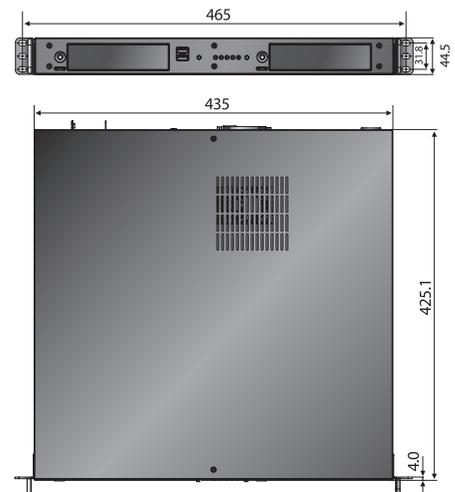
# NVR16

IP PRODUCT SERIES

## SPECIFICATIONS

| MODEL                           |   | NVR16  |
|---------------------------------|---|--|
| V<br>I<br>D<br>E<br>O           | IP Camera Input   | 16   |
|                                 | Supported Video Format  | H.264, MPEG-4, MJPEG   |
|                                 | Recording Video Resolution                                      | 320x240 ~ 2560x2048  |
|                                 | Recording Mode  | Continuous, Schedule, Event, Text-In   |
|                                 | Pre-Alarm Recording   | Up to 15 Seconds   |
|                                 | Frame Rate (NTSC)   | Max. 480fps @ 704x480  |
|                                 | Frame Rate (PAL)  | Max. 400fps @ 704x576  |
|                                 | Search Mode   | Calendar, Time, Event, Bookmark, Text-In   |
|                                 | Video Monitor Output  | None   |
|                                 | Playback Control  | PLAY, Rev PLAY, Pause, Stop, FF, FR, Step Forward, Step Backward, Goto First, Goto Last                  |
| N<br>E<br>T<br>W<br>O<br>R<br>K | Bandwidth Control   | Automatic  |
|                                 | Supported Protocol  | TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, SNMP, uPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconfig, Bonjour |
|                                 | Remote Access   | ATVision IP Remote Management Software, Web Browser  |
|                                 | Web Browsers  | IE, Chrome, Firefox, Opera   |
|                                 | No. of simultaneous users                                       | 10   |
|                                 |   |  |
| G<br>E<br>N<br>E<br>R<br>A<br>L | Internal HDD  | Up to 2 SATA HDD's: 6TB Total Capacity   |
|                                 | External HDD  | Via 1 eSATA port; 4 HDD's: 12TB Total Capacity   |
|                                 | Alarm   | Terminal TTL 2 Input, Terminal TTL 2 Output  |
|                                 | RS232   | Yes (1)  |
|                                 | Ethernet  | 2 x 100/1000 Base-T  |
|                                 | USB   | 2 x USB2.0 (Front), 2 x USB2.0 (Rear)  |
|                                 | eSATA   | 1 e-SATA port  |
|                                 | Power Source  | 100 ~ 240 V AC ±10%, 50/60 Hz, Auto ranging  |
|                                 | Power Consumption   | Max. 70W   |
|                                 | Operating Temperature   | 0°C ~ +50°C (+36°F ~ +114°F)   |
| Humidity                        | 0%RH ~ 60%RH  |  |
| Dimension (W x H x D)           | 17.1 x 1.7 x 16.7in (435 x 44.5 x 425.1mm) (without rack mount) |  |
| Weight                          | 12.2lbs (5.5kg) (without HDD)                                   |  |
| Conformity Certifications       | FCC, CE, UL   |  |

## DIMENSIONS



System Requirements for ATVision IP Remote Management Software:  
 Operating System: Microsoft® Windows® XP Professional, Windows Vista™ Enterprise/Ultimate, Windows 7 Professional/Enterprise/Ultimate (Windows 7 recommended)  
 CPU: Intel® Core™2 Quad processors or higher (Core™ i7 processor recommended)  
 RAM: Minimum 1 GB (4 GB or more recommended)

## ACCESSORIES

Digital Video eSATA External Storage Devices      See eSATA External Storage Category



ATVision IP Remote Management Software