EXR6004 Mini Pure IP NVR

AVerMedia

Key Features

- 4 Channel NVR
- Embedded Linux
- Award-Winning GUI
- Support 2.3MP/channel
- Dual LAN Ports
- Comprehensive Remote Management

Don't let the size fool you. The combination of efficiency, power and affordability with high quality MegaPixel video images, makes the mini twice as powerful in half the size! Designed to manage four IP cameras, the EXR6004 Mini is the NVR for everyone looking for spectacular image quality, better bandwidth and robust local/remote support at a fraction of the price of comparable NVRs.

MegaPixel Picture Quality - Really Do We Need to Say More?

2.3 MegaPixel per channel support makes video surveillance actually effective. View live video in crystal-clear detail. Zoom in without pixilation on suspicious areas. And connect to over 50 brands of IP cameras.

Analog Resolution Vs. IP MegaPixel

Usability - Built into Product Design

A Linux OS to add stability. A user-endorsed Graphical User Interface that makes managing video much simpler. A compact and lightweight profile that tucks easily under check-out counters, in back offices and in small bedroom closets. And finally an eSATA interface that makes sure you have plenty of storage.

Mobility - It Really Does Go the Distance

iPhone, Blackberry, Windows Mobile, remote computers and laptops. You got an internet connection - You got video. One of the biggest advantages of the Mini is that it records and replays simultaneously and can be remotely viewed by a number of independent authorized users.

Connectivity - Unlimits Bandwidth

The Mini is equipped with Dual LAN Ports that allow you to create two separate networks, and one for traffic from remote access, helping alleviate bandwidth limitations. And to further reduce n   ers a local monitor connection so you can view and control your NVR locally as well as remotely.

SYSTEM
- Embedded Linux system
- Compact and lightweight profile (6.3"L x 9.3"W x 2.1"H)
- Uncomplicated system and/or IP camera support updates through USB drives
- Watchdog function

IP CAMERA FEATURES
- 4 IP (video + audio) CHs - Up to 2.3 MegaPixel (1920x1200)
- IP video streams: H.264, MPEG4 and MJPEG
- Supports 50+ IP camera brands (refer to camera support list)

MONITORING
For environments that depend on live video, the EXR6004 Mini offers many features for fast and responsive event management:
- Offers a VGA output for a local monitor connection in 1024x768 resolution
- E-maps (8) showcasing camera, sensor and relay positions

Live Display
- Award winning Graphical User Interface (GUI)
- Channel auto scan with 1 and 4 screen splits
- Easily capture .jpg images from live video
- Digital zoom incorporated for greater detail in live video

Alarm/Notifications
The EXR6004 Mini is ready for real-time incident response by:
- Starting video recording and enlarging triggered video
- Following sensor with EXR server relays
- Launching the triggered channel's corresponding E-map
- Sending emails
- Playing warning sound
- Sending video to Central Management System

RECORDING
Manually or schedule DVR to record based on the below criteria:
- Continuous, Motion, Event or Smart (motion based escalation of recording frame rates from low to high) recording
- NVR can be set to pre-record video up to 10 seconds before motion activation is detected*
- System will auto recycle storage space when disk is full

VIDEO ENHANCEMENT
- iEnhance - Enhance video quality such as Brightness, Contrast, Hue, Saturation, Sharpness, Noise Reduction, Deinterlacing and Gray Scale of recorded video
- iStable - One-click fix for shaky video caused by camera movement (such as wind or vandalism)

USER ACCESS
- Up to 32 user accounts with individually assigned passwords and user privileges

*How is pre-recording possible? Even when the DVR is set to motion only record, it is still continuously recording. If you set a 10 second pre-motion buffer, then the DVR will record 10 seconds of video and if there is no motion, it will begin to record over the 10 seconds of video. When motion does occur, the DVR will include the 10 seconds before the motion is detected with the motion event.

FORENSICS
For rapid retrieval/export of pertinent data:

Search
- Defined parameter search by date, time, camera, event, and event log file
- Advanced event log search by event, operation, system and network activities

Playback
- Built-in playback controls for date and time
- Extremely sensitive playback controls to fast-forward or rewind at 2, 4, 8, 16, 32, 1/2, 1/4, 1/8 speeds
- Easily capture .jpg images from playback video

Export/Backup
- Easily export/backup to CD-R/RW, DVD-R/RW & external HDDs
- Supports 1 internal SATA HDD and 1 external HDD through built-in eSATA interface

REMOTE
Dual LAN Ports
- Allows creation of two individual networks - one for cameras and one for remote access traffic to help alleviate bandwidth limitations

Viewing
From laptops, cells phones, PDAs and more, you can track video whenever and wherever
- Remote Access with DDNS function
  - **Web/Remote Computers:**
    Internet Explorer WebViewer (view Live video)
    Remote Console (view Live/Recorded video and control PTZ, recording, playback, sensors/relays)
  - **Windows mobile devices:**
    SmartViewer (view Live video)
    PDAViewer (view Live/Recorded video, store multiple DVR log-ins, control PTZ, zoom and take video snapshots)
  - **Blackberry mobile devices:**
    iBBViewer (view Live video)
  - **iPhone mobile devices:**
    iViewer (view Live video)

Multiple Systems
- With CM3000 central management software, you have total remote command of up to 1000 systems
  - Monitor with local CM3000 E-maps, record and playback
  - Control sensors and relays
  - Setup and modify DVR configurations

Front Panel Connections

Front panel controls	N/A
DVD writer	Optional USB DVD-RW Available
USB 2.0	1

Rear Panel Connections

Video Inputs (analog)	N/A
Video Inputs (IP)	4 video H.264/MPEG4/JPEG data streams
Video Output	1 - VGA out
Audio In/Output	1/1 -- In addition, IP Audio is supported (4 IP Audio)
Microphone Input	0
Alarm Inputs/Relay Outputs	4/1
E-SATA	1
Networking	2x 10/100/1000 Base-T Ethernet, RJ-45
USB 2.0	2
Communication	1x - RS485
AC Power	Power Adapter, 12V DC

Unit

Operating system		Embedded Linux
Video Streaming Format		H.264/MPEG4/MJPEG
Video Format		Up to 1920X1200/CH, 4th CH up to 5 megapixel
Recording Rates		Per Camera Specficiations
Storage	Capacity	Supports up to 1 Internal SATA HDD
	eSATA	1 eSATA connector, Support eSATA RAID
Communication Ports	RS 485	1, Terminal block, Tx+, Tx-, Rx+, Rx-
	RS 232	N/A
Networking		2x - 10/100/1000 Base-T Ethernet, RJ-45
Supported IP cameras (support IP PTZ, IP IO, & IP audio if IP cameras built-in)		AXIS, Panasonic, SONY, Arecont, Mobotix, BOSCH, IQinvision, JVC, TOSHIBA, VIVOTEK, ACTi, D-Link, PiXORD, PELCO, Apron, Lilin and more
Operator Interface		USB mouse, USB PC keyboard
Browser/Remote Client		MS Internet Explorer 6+, Windows 2000, XP, VISTA

Mechanical

Dimensions (H x W x D)	1.97 x 9.25 x 6.3in
Weight	1.25 lbs (not including optional HDD)
Rack Mountable	Optional rack ears

Regulatory

Emissions	FCC: Part 15, Class A

Software

Interface	Graphical user Interface (world's first in Emb. Linux)
Account Administration	Up to 32 accounts with configurable user privileges
PTZ Control	Zoom-in/Zoom-out, Focus-in/Focus-out, Direction, Speed, Preset point, Autopan
Playback Administration	Playback while recording or setup
	Play, rewind, fast-forward, frame-by-frame control
	Digitally zoom to specific regions on recorded video
	Export single frame to .jpg, export video clip to .DVR
Motion Detection	Configurable to sense mass/motion
Event Recording	Schedule: Continuous, Smart, Motion, Alarm, Manual
Video Event Search	Date/time, camera, event & log files
Advanced Event Log	Full event, operation, system & network activities log
Alarm Notifications	Launch or send E-map, relay, CM3000 or E-mail notification
E-map Display	Positions of cameras, sensors, relays & event status
iEnhance	Enhance video quality such as Brightness/Contrast/ Hue/ Saturation/ Sharpness/ Noise Reduction/De-interlace/ Gray Scale of recorded video
iStable	One-click fix for shaky video caused by camera movement (such as wind or vandalism)

Remote Management

Central Management	CM3000 software - supports up to 1000 DVRs
Remote DVR connectivity	WebViewer (MS Internet Explorer only), Remote Console, JavaViewer, PDAViewer, iPhone Viewer, BlackBerry Viewer.
Dispatch Server	Balance NVR communication for added client access and greater data transfer speeds
DDNS	Allow remote clients to search dynamic servers without enquiring for server's IP address

Environmental

Temperature	Operating	32 ° to 104 °F
	Storage	-22°F to 140 °F
Relative humidity	Operating	50%-80%
	Stored	90%

Warranty

2 Year Limited Parts and Labor

AVerMedia

system

4 IP Cameras   2.3 MegaPixel

4 Audio Inputs   1 Mike

Local Monitor Display

Embedded Linux

Compact Profile
(6.3"L x 9.3"W x 2.1"H)

backup

External USB DVD Writer(s)   USB Drive(s)

USB HDDs

USB controls

USB Mouse (included)   USB Keyboard

external storage

External HDDs

VGA x 1

USB x 3

Sensors in x 4/ Relay out x 1

IR Sensor   Network Indicator
HDD Indicator
Power Indicator

eSATA x 1

12V DC

LAN x 2

intranet
internet

integration

s x   Relay x 1

SDK

Software Development Kit

key software

Award-Winning Graphic User Interface

Up to 32 user accounts

remote command/access

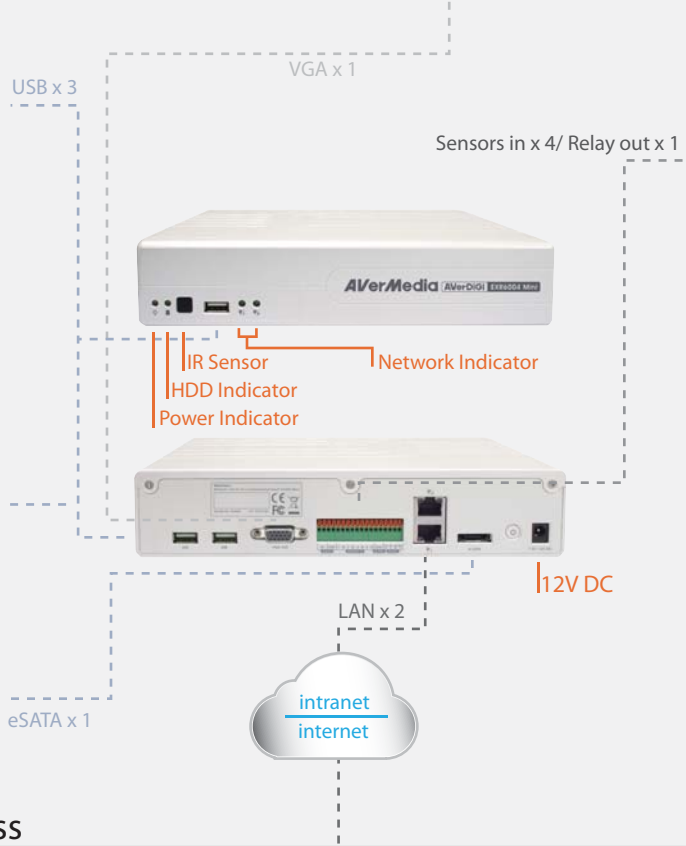Internet Explorer WebViewer   Remote Console   iPhone Viewer   Blackberry Viewer   Windows Mobile Viewer   CM3000 Central Management Software

BASIC REQUIREMENTS FOR MOBILE APPLICATIONS

PDA Phones
Notice: This feature is only available on AP versions 5.1 or above. For customers who are using 5.0 version of AP, please visit the Support/Download page to download and upgrade to the latest version of AP
1. CPU: Arm architecture, for example, Intel Xscale.
2. OS: MS Window Pocket PC 2002/2003 or Mobile 5 and above.
3. GPRS or WLAN module is recommended.

Windows Mobile Smartphones
Notice: This feature is only available on AP versions 5.7 or above. For customers who are using v.5.5, v5.1 or v5.0 version of AP please visit the Support/Download page to download and upgrade to the latest version of AP
1. CPU: Arm architecture, for example, Intel Xscale.
2. OS: Windows-base, Windows Mobile 2002/2003 for Smart Phone Edition or Windows Mobile version.
3. Network module such as WAP,GPRS,WLAN....etc is required .

Symbian Smartphones
Notice: This feature is only available on AP versions 7.1 or above. For customers who are using v5.7, v.5.5, v5.1 or v5.0 version of AP please visit the Support/Download page to download and upgrade to the latest version of AP
1. OS: Symbian Smartphone
2. The OS needs to support JAVA MIDP 2.0 (JAVA2 ME)
3. Network module such as WAP, GPRS, WLAN, etc is required.

*Hardware recommendations are the minimum required hardware specifications for running our systems and not a guarantee to achieve the best performance of our DVR systems. Hardware specifications required to achieve the best performance of our DVR systems are subjected to different system settings and operation conditions.