



Whether you have an office, industrial unit, retail outlet or home, you can now monitor from anywhere

Today, it's possible for anyone to manage their own complete, full-featured remote monitoring system in home or office, and thanks to the Internet, all this can be done remotely. Often, however, a person considering the installation or upgrade of such a network is confounded by the array of new features and benefits available on the market. How can one take advantage of installed equipment, add the latest enhancements, and be certain of a stable, future-proof system going forward?

The AFIANT series of Network Video Recorders, or NVRs, from Modern Security Solutions, are designed to give home and business owners an open, scalable platform for their entire surveillance solution.

Why add an AFIANT Small Business Network Video Solution?

An NVR adds functionality and manageability to CCTV cameras. For example, analogue cameras in a network can gain the benefits of digital recording and playback. Not only are all cameras managed from one dashboard, but scheduling and alerting features enhance the system's overall usefulness. Using remote scheduling, recording may be continuous at specified hours, other times, it may only happen upon motion detection.

Installation and maintenance are simplified: three simple operations allow the AFIANT customer to be up and running in just 15 minutes, and the system uses ordinary network cabling and connections. In short, AFIANT recorders offer users the ability to pick and choose the cameras best suited to their needs, maximize their capabilities, and manage them from one reliable, easy-to-use interface.



AFIANT Small Business

Reliable Linux operating system

Supports network cameras including PTZ from multiple vendors

Preinstalled system user configurable in 15 minutes

Support for pan, tilt & zoom cameras

Remote viewing, recording and notification

Built in motion based recording

Easy-to-use scheduler for preconfigured control

Easy export for recorded video



Education

Corporate

Residential

Retail



Construction

Health

Finance

Industrial

Above are some of the application areas that can benefit from deploying an AFIANT Small Business

AFIANT Series Network Video Recorders – AFIANT Small Business Technical Data

FEATURES

Simultaneous live remote viewing, recording, playback and administration via web browser
Continuous, motion and scheduled recording
Self-contained system requires no additional software
Quad view display
Accurate & configurable motion detection
User selectable settings: frame rate, compression, and resolution
Event notification via email and FTP
Print images to a local or networked printer for instant evidence.
Pre-configuration of scheduled events, such as continuous or motion-based recording

REMOTE OPERATIONS

Monitoring

Live view of video from a remote PC using a web browser via a LAN, WAN broadband, or dialup Internet connection

Playback

View recorded images from a remote PC using a web browser via a LAN, WAN broadband, or dialup Internet connection

Remote Diagnostics

Available subject to prior permission from customer

Software Updates

Available via the Internet

Remote Notification (SMTP or FTP)

Available via email or FTP

Secure Remote Viewing

For those who require it, more secure viewing is possible by using a Secure Socket Layer (SSL) over an encrypted network connection

MPEG4 Live View

High band width efficient for live viewing whether on a network or over the internet

Multiple Sites

Look at multiple sites from one location for those customers who have multiple locations or even multiple recorders at a single site.

CAMERAS: MONITORING AND RECORDING

High-speed Recording

AFIANT maximizes the available recording resources of each camera

User Security

Multiple level user definition

Picture Quality

Maximum resolution 640x480

Camera Wizard

Configure the cameras to your exact recording requirements using this simple to use interface.

Motion Detection

Video Motion Detection (VMD) saves up to 60 seconds of video images from before and after detection occurs

Graphical User Interface

Makes system easy to configure and operate

Operating System

Linux which is known for its reliability and stability

Motion JPEG Compression

ISO standard compression technology delivers video images with sufficient resolution to be studied frame by frame

Auto Reboot and Recovery

AFIANT reboots automatically on power failure, and begins recording within one minute

Video Retrieval

Video retrieval based on camera, date, time or motion events.

SYSTEM

100BaseTX Fast or 10BaseT Ethernet
CPU Intel 3.2 MHz Pentium
RAM 512 MB
Based on Linux 2.6 operating system
SQL-compliant database
Built-in web server

Client System Requirements

Ethernet network TCP/IP protocols
Windows 2000, XP or Vista
Microsoft Internet Explorer 6 or higher
Mozilla Firefox 1 or higher

Installation

Physical network connection through RJ-45 twisted pair cable

Security

Scheduled disable login
Encrypted User Login
Multiple user permissions
User password control
Secure 128 bit encryption video transmission
Supports VPN implementation

Software Updates

Remote software updates over the network using TCP/IP.

Resolutions

Network camera resolutions are those of supported cameras up to a maximum of 2 Mega Pixels.

Industry Standards

ISO JPEG and Motion JPEG, MPEG4
FTP, NAT, PAT, IPSEC, HTTP, TCP/IP, DHCP, PPPoE, SSS, SMT, Active X
Intel Pentium 4
Linux
Windows Internet Explorer
SQL-compliant database
JAVA 2.0

Storage Options

250GB

Case Options

Micro ATX

Supported Cameras

Axis 205, 206, 206W, 207, 207W, 210, 210A, 212PTZ, 216FD, 216FD-V
Intellinet 550703, 550710
Linudix 330
Panasonic BLC-1, BLC-10, BLC-20, BLC30
Sony SNC-P1, SNC-CS10

Camera Options

Support for 4 internal IP Cameras.

Operating Temperature

5 - 50 degrees C

Power Requirement:

110v or 240v AC

Dimensions and Weight

Physical dimensions:

Micro ATX: 136mm (W); 370mm (D); 329mm (H)

Weight:

Micro ATX: 8.7Kg

Approvals

CE EN55022 Class A
FCC Class A

Warranty

12 Months

Supported Camera Vendors

Cameras are updated regularly, please ask if to see if we support a camera you wish to use.



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Taking Your Security One Step Further

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