

Security Surveillance Systems Just Got Better!



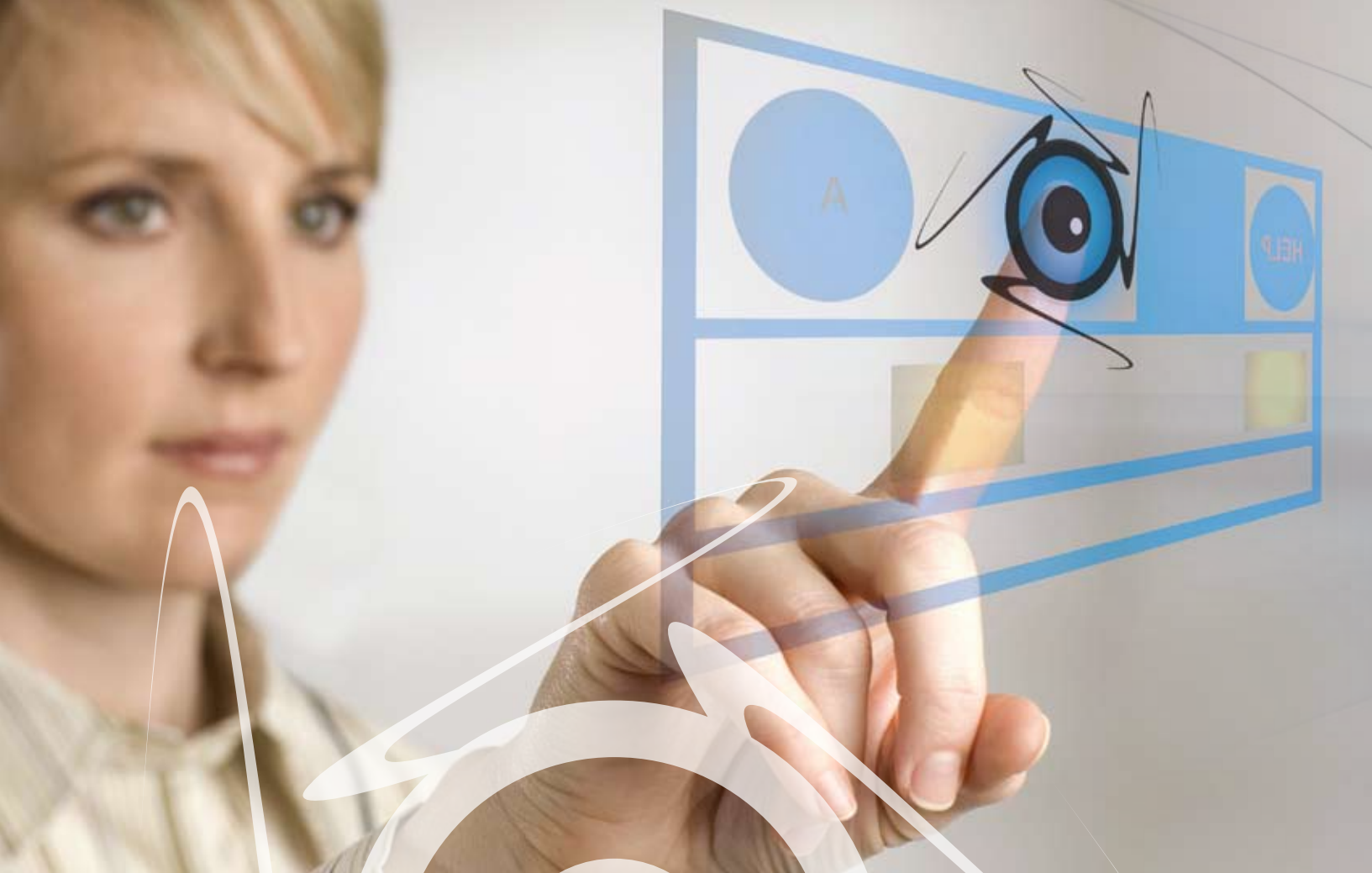
Innovative Surveillance Solutions



Welcome to BLUE MOUNTAIN SECURITY MANUFACTURERS

Blue Mountain Security is specialized in the design, development and manufacturing of next generation digital video recording surveillance systems. We have developed our PVADR (Professional Video/Audio Digital Recorder) systems to provide you with the most flexible, practical and expandable surveillance solutions available on the market today.

Our innovative E1 and E3 systems use an advanced embedded surveillance server that incorporates a Digital Video/Audio recorder (PVADR) and Digital Video/Audio server (DVS) to provide the best possible high definition image quality (D1/4CIF) at 30 fps with up to 6 terabytes of storage. Our PVADR systems operate using our proprietary embedded software with BSecur™ remote access and user-friendly interface that gives you all the surveillance functionality you could possibly want to effectively and efficiently manage your security operations.



The People Behind BLUE MOUNTAIN

Blue Mountain Security Manufacturers was founded by industry veterans who worked diligently with a group of engineers to design, develop and manufacture the next generation of PVADR surveillance systems. The security surveillance systems manufactured by Blue Mountain Security are easily expandable and are designed to meet the growing demand for better quality images, increased storage requirements, practical implementation and ease of operation.

Our VISION

At Blue Mountain Security Manufacturers we believe in developing the most advanced security surveillance system products that will constantly meet and exceed the changing needs of our customers. Our vision is to provide our clients with complete, integrated and practical security surveillance solutions that will improve their operations and increase efficiency by benefiting from the latest available technology on the market.

Introducing the **6 TERABYTE E-SERIES** Professional Digital Video Recorder



High Definition Images and All the Storage You Could Want

The E-series professional VADR was designed to provide the reliability, expandability and functionality you need for your security operations. Whether you are installing a new system or upgrading an existing one, The E-series professional VADR is the perfect choice for your organization. The E-series professional VADR records in high definition (D1 & 4CIF) at 30 frames per second on every camera channel using H.264 compression technology and provides up to 6 terabytes of internal storage, reducing greatly the need for constant archiving.

As the new standard in DVR security surveillance systems, the E-series professional VADR can be configured on the unit itself or using a PC, it also uses the latest available technology; including new generation digital signal processing chips (DSP) to lower power consumption, an embedded MPU processor as the main processor and a Real-Time Operating System (RTOS) to make the E-series, one of the most reliable products in the industry.

E-1 Model

Sixteen Channels of Peace of Mind

The E-1 model provides you with 16 channels of video and audio input with single or multiple screen real-time viewing and display switching capabilities. The E-1 also provides you with increased levels of monitoring security with our built-in monitoring of point of sale systems (POS) and ATM machines. The E-1 supports all common network protocols and can easily be interconnected and configured to operate as a large scale security surveillance system.

E-3 Model

Affordable State-of-The-Art Surveillance Technology

The E-3 model offers all the same functions and advanced features as the E-1, but uses CIF H.264 independent hardware compression on all video channels. By using CIF H.264 compression in our E-3 model, we can make the latest security surveillance technology available and affordable to large and small businesses alike.

KEY FUNCTIONS

Monitoring

- Single or multiple screen real-time view
- Display switching
- On Screen Display (OSD) menu
- Image sheltering processing
- Video loss processing function
- Multiple level, multiple zone motion detection and processing
- Compression function
- High Resolution H.264 compression algorithm
- D1-4 CIF (1 CIF for E-3 model) independent hardware compression on all Video Channels
- Video and audio synchronization in playback
- Bi-directional audio talk
- Real-time audio encoding and decoding



E-3



E-1

Lighting panel features:

- Top row green light identifies operating cameras
- Top row unlit light identifies non-working cameras
- Top row red light identifies camera recording
- Bottom row red light identifies alarms

Alarm

- Image sheltering alarm processing
- Local video signal level alarm interoperation
- Network alarm signals upload

Recording

- Multiple recording modes including: manual, time, alarm, motion detection and motion detection alarm
- Water-Mark technology
- Multiple playback modes including fast play, slow play, pause and frame by frame

Storage

- One unit supports up to 6 terabytes internally
- Hard disks plug in and use no disk fragmentation
- Non-operation hard disk set as sleep mode to extend the hard disk usage
- Supports network storage
- Backup using USB flash disk, USB hard disk and USB CDRW

Network

- Supports TCP/IP, DHCP, UDP, RTP, PPPOE, PPP and more protocols
- Supports DDN, SDH, PSDN, ISDN, ADSL and more
- Remote visit
- Bi-directional audio talk or unidirectional audio broadcasting through a network

Hardware Interface

- One to sixteen (1-16) video input
- One (1) AV output, one (1) VGA output
- One to sixteen (1-16) audio input
- One (1) audio output
- One (1) line in (for voice talk)
- One (1) USB interface
- One (1) RS-232 output
- One (1) RS-485 output
- One (1) RJ45 keyboard interface
- One (1) RJ45 network daisy chain interface
- One (1) RJ45 Ethernet interface
- Four (4) /Eight (8) /Sixteen (16) alarm input
- Two (2) /Four (4) alarm output

Introducing our D-Series Dome Cameras

Vivid Images and Durable Intelligent Technology

Whether you're looking for fully integrated and multi protocol compatible dome cameras that are programmable and use the latest available technology or simply require unobtrusive stationary mini domes, Blue Mountain Security Manufacturers can supply you with some of the best products on the market.

D-1 Model

Intelligent High Speed PTZ Camera Technology

The D-1 model high speed intelligent PTZ camera provides you with all the sophistication you require for complex surveillance sequencing. The D-1 is fully programmable for up to 16 tour memory sequences and includes 80 preset positions. In addition, what makes our D-1 model a market leader is its versatility; the D-1 is a high speed PTZ camera that supports 9 protocols per dome and is fully compatible with the existing matrix switches, multiplexers and DVR's of your current security surveillance system configuration. The D-1 model has day/night cameras including infrared to adapt to all changing lighting conditions

Features

- Low-noise, high-speed PTZ camera
- Supports multiple controlling protocols (9)
- Privacy mask
- 80 preset positions
- 16 Tour / sequence memory
- 4 x pattern tour (3min./each)
- 4 x programmable Tour with individual time/speed/focus settings
- 4 x Auto Pan (between 2 presets)
- 1 x 360 degree Auto Pan
- 1 x 90 degree Auto Tilt
- 1 x all-over scan with simultaneous pan-tilt swing
- 1 x static pre-set tour from position 1 to 16 with 4 sec. duration each
- 4 alarm inputs with programmable preset call-up and 1 output
- High precision mechanical construction with +/- 0,1 degree variation
- Auto adjustment of P/T speed in proportion to zoom factor
- Express mount construction simple installation and easy maintenance



D-2 Model

Vandal Proof Static Camera Technology

The D-2 model is a mini dome that is perfect for single point of surveillance monitoring. The D-2 provides high quality clear images and is virtually destruction proof. The D-2 mini dome is vandal proof, fire proof and waterproof making it the right choice for just about any single area surveillance application.



Fast, Easy and Effective Operation with BSecur™ Software

We specifically designed our software interface to be intuitive and easy to use. Our BSecur™ Software provides fast and convenient access to all the features and functions you require to configure, manage and operate your security surveillance system. Our BSecur™ Software includes the following functionality:

- Individual login
- Multiple site configurations
- Multiple site management and camera selection
- Windows 2000 and XP compatible
- User friendly interface and operation
- Full control of PTZ cameras with multiple protocols
- Onsite remote configuration
- Intergrated video and audio stream for all channels
- Full search by time and date
- Equipment monitoring controls
- Download and email clips from local and remote sites
- Archive management