

# PRODUCT SPECIFICATION

## Elite Mini Series H.264 Digital Video Recorder

PENTAPLEX, REAL-TIME, JOG/SHUTTLE, FEATURE-RICH, EASE OF USE

### Product Features

- H.264 Hardware Compression
- Up to 16 Video Inputs, 16 Audio Inputs
- Pentaplex
- CIF REAL-Time Recording
- Up to 480 Frames per Second
- Jog/Shuttle
- Ease of Use
- RAID 1
- VOIP
- USB Drive Support
- Complete Remote Access
- Up to 1.5 Terabytes Internal Storage
- Dynamic PTZ Control
- Channel Independent Configuration
- VGA Output Included



The Elite Mini DVR is the compact version of our popular Elite Series DVR. Since this unit is smaller, it does not support a DVD burner, but supports easy USB thumb drive data backup. The Elite Series only supports one hard disk drive, but with larger drives available, storage will not be an issue. Functionally, this unit is similar to the full sized Elite units. This unit is very high performance, feature-rich and easy to use. Its advanced functionality makes this one of the best standalone systems on the market today.

This DVR is amazingly easy to use. Simply plug it in and it starts recording. Mouse control provides very simple point-and-click settings and control. In addition, the unit also includes an IR remote. Use the jog shuttle control to easily fast forward, rewind, and advance frame by frame. Up to 2 independent channels can be played back simultaneously, even at different time intervals. 4 channel simultaneous playback can be done via the web interface or client software. Remote viewing, playback, configuration, upgrade, reboot, and backup are all standard on the Elite Mini DVR.

The embedded web server enables users to perform all these functions remotely via Internet Explorer web browser, eliminating the need to install software. Client software is also included for central monitoring and alerts for multiple Elite Series units. Two-way voice and audio over the Internet is also standard on the Elite Series.

There are too many features to list, but some of the following include: 10 simultaneous network users, RAID storage, FTP record/backup, DDNS support, 3D intelligent PTZ control, power failure auto-recovery, DVD-RW backup, user management and much more.

Latest generation digital surveillance technology utilizes a Linux embedded OS, embedded web server, and DSPs to bring you the most powerful network-based digital video recorder available.

# TECHNICAL SPECIFICATIONS

## MODELS

SOCKET-4 MINI

Standard 4 Ch Unit

## GENERAL

|                        |                                                                                      |
|------------------------|--------------------------------------------------------------------------------------|
| Video Inputs           | 4 inputs, 1.0Vp-p, 75ohm unbalanced                                                  |
| Video Outputs          | 1 Main Monitor<br>1 Spot Monitor (not available on 4ch)<br>1 VGA                     |
| Audio Inputs           | 4 audio inputs (200-2800mV, 30Kohm)                                                  |
| Audio Outputs          | 1 audio output (200-3000mV, 5Kohm)                                                   |
| Voice Interface        | 1 (200-2800mV, 30Kohm)                                                               |
| Audio Compression      | G.711, 64kbps ADPCM (VOIP standard)                                                  |
| Video Compression      | H.264                                                                                |
| Preview Resolution     | NTSC: 704 x 480 (4CIF)                                                               |
| Compression Resolution | NTSC: 704 x 480 (4CIF)<br>NTSC: 352 x 240 (CIF)                                      |
| Color                  | 16.7 Million                                                                         |
| Stream Type            | Video or Video/Audio                                                                 |
| Bit Rate               | 56kbps ~ 2Mbps (user-defined), variable                                              |
| Recording Frame Rate   | CIF Resolution: 30 frames/sec/channel<br>4CIF Resolution: 7.5 frames/sec/channel     |
| Record Quality         | Highest, Higher, High, Average, Low, Lower, Lowest                                   |
| Record Mode            | Schedule, Motion, Alarm (simultaneous or combination)                                |
| Playback Mode          | Date/Time Search or Event Search                                                     |
| Operation Mode         | Pentaplex (simultaneous monitor, record, playback, network and backup)               |
| Motion Detect          | Area Division: 22 x 15, on/off selectable<br>Motion Detect and Relay On Simultaneous |
| Privacy Masking Alerts | Yes                                                                                  |
| View Tampering Alerts  | Yes                                                                                  |
| Network Function       | Internet Explorer and Client Software                                                |
| Alarm                  | 8 & 16ch: 16 Alarm Inputs / 6 Relay Outputs<br>4 Alarm Inputs / 3 Relay Outputs      |
| Backup                 | USB / Network                                                                        |
| RS 485                 | Keyboard Controller/PTZ                                                              |
| HDD Interface          | 1 SATA                                                                               |
| HDD Management         | Hibernation, HDD fault alarm, RAID (redundancy)                                      |
| VGA Interface          | 1, Supports 800x600/60Hz, 800x600/75Hz, 1024x768/60Hz                                |

## MECHANICAL

|                      |                       |
|----------------------|-----------------------|
| Video Inputs         | BNC female            |
| Video Output         | BNC female            |
| Monitor Output       | BNC female            |
| Audio Inputs         | RCA female            |
| Audio Output         | RCA female            |
| Alarm Inputs         | Screw Terminals       |
| Alarm Outputs        | Screw Terminals       |
| RS485                | Screw Terminals       |
| Network              | RJ45 10M/100M UTP     |
| VGA                  | 9-pin D-sub female    |
| RS-232               | RJ45                  |
| USB                  | USB 2.0 Type A port   |
| IR Remote Controller | Standard, Addressable |
| Voice Interface      | RCA female            |

## ELECTRICAL

|                    |                      |
|--------------------|----------------------|
| Power Requirements | 110V 60Hz, 220V 50Hz |
| Power Consumption  | 25W (without HDD)    |

## ENVIRONMENTAL

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 32° to 131°F (0° to 55°C) |
| Operating Humidity    | 10-90% RH Max             |

## PHYSICAL

|                 |                            |
|-----------------|----------------------------|
| Dimensions      | 375(w) x 285(h) x 45(D)mm  |
| Weight          | 7lbs approx. (without HDD) |
| Shipping Weight | 10 lbs approx.             |