

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 1 Spot Monitor (not available on 4ch) 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) 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 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 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 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.



Features

Vandalproof IR Dome Camera

SHARP Color CCD

IR LED: 5X23PCS ,IR Distance: 20M

Back Light Compensation(BLC)

Auto White Balance(AWB)

Lens: Board Lens 3.6mm/F2.0

Dimension : 94 x 68.5(H) mm



Image Sensor	1/4"SHARP
Horizontal Resolution	420 TV Line
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
IR LED	5 X 23 PCS
IR Series Distance	20 M
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
IR Status	Under 10 Lux By CDS
Usable Illumination	0 Lux/F2.0 (LED ON)
IR Power On	CDS Auto Control
S/N Ratio	≥48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec;NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100,000Sec;NTSC 1/60-1/100,000Sec
Operation Temperature	14 to 122 Fahrenheit @ RH95% Max
Storage Temperature	-4 to 140 Fahrenheit @ RH95% Max
White Balance	Auto
Power Source	DC12V 250mA
Dimension	94 x 68.5(H) mm
Weight	450G