

PRODUCT SPECIFICATION

Elite Mini Series H.264 Digital Video Recorder

PENTAPLEX, HDMI, ALL CHANNEL PLAYBACK, NET SUB-STREAM, SPACE-SAVING DESIGN

Product Features

- H.264 Hardware Compression
- Up to 16 Video Inputs, 16 Audio Inputs
- HDMI, VGA, Composite Main Outputs
- All Channel Playback
- Up to 2TB Internal Storage
- Pentaplex Operation
- Realtime CIF Recording on All Channels
- Up to 2 Channels of Realtime D1 Recording
- Mobile View (Windows Mobile Only)
- Up to 480fps
- Mouse Operated GUI
- Network Sub-Stream
- USB Drive Support
- Synchronized Audio Recording/Playback
- Central Monitoring Software



The Elite Mini Series DVR is the state-of-the-art in digital surveillance technology. This DVR features professional grade components and is manufactured to industrial standards. Its advanced functionality makes this one of the best standalone systems on the market today.

This unit is all about versatility. With HDMI, VGA and BNC Video outputs, you can operate several different monitors simultaneously. Hook up a big screen TV with ease. And with the 720p high-definition output, your images will be crystal clear.

The Elite Mini Series utilizes H.264 hardware compression to bring you great quality video while maximizing your hard disk storage capacity. This DVR brings you the maximum in recording versatility by being able to record CIF resolution on all channels at 30fps while channels 1 and 9 are capable of up to D1 at 30fps. This allows you to capture a higher level of detail for a cash register, license plate, or anywhere that demands the highest video resolution available. This DVR is also capable of recording D1 resolution on all channels at 7fps simultaneously.

This system is designed from the ground up on a rock solid embedded Linux Operating System. The embedded web server, advanced network capabilities and digital signal processors combine to bring you one of the most powerful digital video recorders available.

The Elite Mini Series DVR is amazingly simple to setup and operate. An intuitive mouse-driven interface provides very simple point-and-click control over all functions and settings. In addition, the unit also includes an IR remote control. The front panel controls can be used to easily fast forward, rewind, and advance frame by frame. Up to 4 channels can be played back at the same time at the DVR, and 4 channels can be played back via the web interface or client software.

The built-in Web server allows you to perform most every function of the DVR remotely with Internet Explorer. Client software is also included to allow you to centrally monitor multiple Elite Mini Series units simultaneously. Two-way audio over the network or Internet is also standard on the Elite Mini Series. So, not only can you hear what is going on, you can interact. This DVR supports up to 10 simultaneous network or Internet users. With Dynamic DNS support, it is not necessary to have a static IP address on your network in order to remotely access this DVR. This saves you money, as most ISPs charge extra for a static IP address.

TECHNICAL SPECIFICATIONS

MODELS

ELITE-MINI-4	Standard 4 Ch Unit
ELITE-MINI-8	Standard 8 Ch Unit
ELITE-MINI-16	Standard 16 Ch Unit

GENERAL

Video Inputs	4, 8, 16 inputs, 1.0Vp-p, 75ohm unbalanced
Video Outputs	3 Main Monitor Outputs HDMI / VGA / BNC
Audio Inputs	4/8/2 BNC (200-2800mV, 30Kohm)
Audio Outputs	1 BNC (200-3000mV, 5Kohm)
Audio Compression	G.711, 64kbps ADPCM (VOIP standard)
Video Compression	H.264
Preview Resolution	HDMI/VGA: 1280 x 1024, 1280 x 720, 1024 x 768 BNC: 800 x 600
Compression Resolution	704 x 480 (4CIF) 352 x 240 (CIF)
Color	16.7 Million
Stream Type	Video or Video/Audio
Bit Rate	32kbps ~ 2Mbps (user-defined), variable
Recording Frame Rate	4ch: 120 frames/sec
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 18, on/off selectable Motion Detect and Relay On Simultaneous
Privacy Masking Yes	
View Tampering Alerts	Yes
Network Function	Internet Explorer and Client Software
Alarm	4,8,6 Alarm Inputs / 2-4 Relay Outputs
Backup	USB / Network
RS 485	Keyboard Controller / PTZ
HDD Interface	1 SATA: Supports 1 HDD
HDD Management	Hibernation, HDD fault alarm, RAID (redundancy)

MECHANICAL

Video Inputs	BNC female
Video Output	BNC female
Monitor Output	HDMI, VGA, BNC female
Audio Inputs	RCA Female
Audio Output	BNC female
Alarm Inputs	Terminal Block
Alarm Outputs	Terminal Block
RS485	Terminal Block
Network	RJ-45 10M/100M UTP
VGA	9-pin D-sub female
RS232	9-pin D-sub female
USB	USB 2.0 Type A port
IR Remote Controller	Standard, Addressable

ELECTRICAL

Power Requirements	110V 60Hz, 220V 50Hz
Power Consumption	22W ~ 42W (without HDD)

ENVIRONMENTAL

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

PHYSICAL

Dimensions	14.25in. 1U 440(w) x 70(H) x 390(D)mm
Weight	13lbs approx. (without HDD)