

PRODUCT SPECIFICATION

Elite Mini HD H.264 Digital Video Recorder

HDMI, Multiple Monitors, Real-Time, Pentaplex, 4 Channel Playback

Product Features

- High Definition 720p HDMI Output
- 1280 x 1024 VGA Output
- Simultaneous multiple monitors
- Network Sub-stream
- Updated Central Monitoring Software
- 4 Channel Playback
- E-Map Function
- Pentaplex Operation
- Two-Way Voice support
- USB DVD/CD and Flash Drive Support
- Complete Remote Access
- Up to 2 Terabytes Internal Storage
- Dynamic PTZ Control
- Channel Independent Configuration
- Synchronized audio recording



The Elite Mini HD Series DVR sets the standard for entry-level video surveillance. This unit is a scaled-down version of our full sized Elite Series DVRs and utilizes H.264 video compression just like the Elite. This DVR includes many advanced features that are not found in ANY entry level unit, and some that are not even found in most professional high-end DVRs. The included 720p HDMI output can be used simultaneously with the built-in VGA and BNC monitor outputs to provide you with the flexibility you need.

The VGA outputs can support up to a 1280 x 1024 resolution, while the HDMI output offers a full 720p High-Definition resolution. The Elite Mini HD Series DVR can also record real-time video at 352 x 240 (CIF) resolution on all channels while channels 1 and 9 can record 704 x 480 in real time! Use these channels to capture super high quality footage in areas of high importance such as cash registers or main entrances.

The Elite Mini HD also features an advanced network sub-stream function. This function allows you to set a lower resolution and frame rate for Internet and network viewing while still recording at a higher frame rate and resolution at the DVR. This function lets you have a smoother remote streaming experience without sacrificing the quality of the recorded video. This is an extremely high-end feature that, in the past, has only been available on our Ultimate Series DVRs.

In addition to the built-in Internet Explorer browser support, a new and improved Client Software is included with each DVR. This new software is backward compatible with all our Elite and Ultimate Series DVRs. This allows you to seamlessly integrate the Elite Mini HD into your existing surveillance system. Considering all the high-end functionality of the Elite Mini HD Series, you will not find another DVR in the industry that compares.

TECHNICAL SPECIFICATIONS

MODELS

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

GENERAL

Video Inputs	4, 8, 16 inputs, 1.0Vp-p, 75ohm unbalanced
Video Outputs	1 BNC Main Video Out 1 VGA Video Out 1 HDMI 720p Video Out
Audio Inputs	4,8,4 audio inputs (200-2800mV, 30Kohm
Audio Outputs	1 audio output (200-3000mV, 5Kohm
Audio Compression	G.711
Video Compression	H.264
Preview Resolution	NTSC: 1280 x 1024, 1024 x 768, 1280 x 720
Compression Resolution	NTSC: 352 x 240 (CIF) NTSC: 176 x 120 (QCIF) CH 1 and 9 record 704 x 480 @ 30fps
Color	16.7 Million
Stream Type	Video or Video/Audio
Bit Rate	32kbps ~ 2Mbps (user-defined), variable
Recording Frame Rate	4Ch: 120 frames/sec 8Ch: 240 frames/sec 16Ch: 480 frames/sec
Record Quality	Highest, Higher, High, Average, Low, Lower Lowest
Record Mode	Schedule, Motion, Alarm (simultaneous or combination)
Playback Mode	4 Channel simultaneous playback
Operation Mode	Pentaplex (simultaneous monitor; record, playback, network and backup)
Motion Detect	396 areas (22 x 18), on/off selectable 6 sensitivity levels Motion Detect and Relay On Simultaneous
Privacy Masking Alerts	Yes
View Tampering Alerts	Yes
Network Function	Internet Explorer and Client Software
Alarm	4, 8 & 16 Alarm Inputs / 2-4 Relay Outputs 4ch: 4 Alarm Inputs / 3 Relay Outputs
Backup	USB / Network
RS 485	PTZ
HDD Interface	1 SATA port / 1 HDD supported
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	Terminal Block
Alarm Outputs	Terminal Block
RS485	Terminal Block
Network	RJ-45 10M/100M UTP
VGA	9-pin D-sub female
RS-232	9-pin D-sub female
USB	USB 2.0
IR Remote Controller	Standard

ELECTRICAL

Power Requirements	100 - 240VAC, 6.3A, 50-60 Hz
Power Consumption	20W ~ 42W (without HDD)

ENVIRONMENTAL

Operating Temperature	14° to 131°F (-10° to 55°C)
Operating Humidity	10-90% RH Max

PHYSICAL

Dimensions	14.25(w) x 2.75(H) x 15.35(D) inches
Weight	13lbs approx. (without HDD)
Shipping Weight	19 lbs approx.