

ELITE DVR



Elite DVR

Description

The "ELITE SERIES" DVR-16D30X and DVR-8D30X utilizes the new enhanced H.264 compression and high resolution HD Texas Instrument video processors. The ELITE series DVR follows Nevada Gaming regulation Standard 11 of Realtime recording (30fps per channel) on live and playback at FULL D1 resolution.

The Enhanced H.264 compression also makes internet transmission as well as local recording fast, stable, and seamless. Incorporating a user friendly mouse interface and an advanced tutorial based menu, the ELITE series DVR's makes install, setup and service trouble free. The ELITE DVR records at 30 fps per channel at FULL D1 resolution with synchronized audio on each channel. It has internal RAID storage feature allowing for full redundancy of all hard drives. With all these features, recorded video images are crisp and clear making evidence sharing and reviewing precise. Pairing the DVR with our Enterprise Pro Surveillance Software (EPSS) will give the user a central application to view, manage, and configure a limitless amount of DVR's simultaneously. The EPSS also allows for off-site event driven recording via an FTP, network storage unit, or local hard drive.



SPECIFICATION

Main Board Processor	AMD SC1200/266 Multi-Media microprocessor
Video Processor	HD Texas Instrument Video Processors
Operation System	Embedded LINUX
Video Standard	NTSC (525 line, 60f/s), PAL (625 line, 50 f/s)
Video Compression	H.264E (Enhanced H.264)
Video Input	16 Channel
Video Input Signal	NTSC/PAL, BNC (1.0Vp-p, 75 Ω)
Video Output	BNC (1.0Vp-p, 75 Ω), VGA (Computer Monitor)
Audio Compression	ADPCM G.723 8K
Audio Input	16 Channel
Audio Input Signal	16 RCA (200mV-2000mV, 10K Ω)
Audio Output	BNC (1.0Vp-p, 75 Ω)
System Resource	Pentaflex: recording, 2 channel playback, archiving, network real-time monitor, network search
Image Resolution	Real-time monitor 704x480, Playback 704x480, VGA output 1024x780(NTSC)
Motion Detection	Area setting: 192 detection areas on the screen; detection sense setting: 3
Video Recording Speed	1-30 fp/s Variable per channel (NTSC)
Total Recording Speed	30 Frames Per Second per Channel; 240fps (8D30X) / 480fps (16D30X)
Image Quality	6 Levels selectable
Hard Disk	8 SATA ports, Total 8 Devices, up-to 12TB per DVR
Hard Usage	Video: 56-900M/Hour, Audio: 14.4M/Hour
Alarm Output Ports	3 channels output, output in open/close contact (the third channel is controllable +12V output)
Alarm Input Ports	4 Channel
Alarm Relay	30VDC 1A, 125 VAC 0.5A (relay output)
Network Connection	RJ45 10M/100M Ethernet connection
Modem Connection	RS232
Pan-tilt Control	RS485
Power	110VAC / 220VAC
Power Consumption	43Watt (w/o HD)
Working Temperature	-10°C ~ +55°C (14°F~ 130°F)
Working Humidity	10% - 90%
Barometric Pressure	86kpa - 106kpa
Physical Dimension	2U standard case, 440(L)x430(D)x90(H) mm, 17.4" (L)x16.9" (D)x 3.5" (H); Package: 500x230x540 mm,
Weight	23 LB (without HD)