



Elite DVR

Description

The "ELITE SERIES" DVR-16D30X, DVR-8D30X and DVR-4D30X utilizes the new enhanced H.264 compression and high resolution HD Texas Instruments video processors. The ELITE series DVR follows Nevada Gaming regulation Standard 11 of real-time recording (30fps per channel) on live and playback at FULL D1 resolution.

The Enhanced H.264 compression also makes network 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 Pro Surveillance Software (PSS) will give the user a central application to view, manage, and configure a limitless amount of DVR's simultaneously. The PSS 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	4/8/16 Channel
Video Input Signal	NTSC/PAL, BNC (1.0Vp-p, 75 Ω)
Video Output	1 Channel Composite BNC (NTSC/PAL) 1 VGA High-Resolution 1 HDMI 1080i High Definition 1 Matrix and All Channel Loop-Outs
Audio Compression	G.711A
Audio Input	4/8/16 Channel
Audio Input Signal	[200mV-2000mV, 10K Ω]
Audio Output	BNC (1.0Vp-p, 75 Ω)
System Resource	Pentaplex: Recording, All channel playback, archiving, network realtime monitor, network search
Image Resolution	Live View: 800x600, 1024x768, 1280x1024 (VGA), 1280x720p (HDMI), 1920x1080i(HDMI) Recording/Playback: D1 (NTSC 704x480, PAL 704x576) or CIF (NTSC 352x240, PAL 352x288)
Motion Detection	Area setting: 390 detection areas on the screen; detection sensitivity setting: 1-6
Video Recording Speed	1-30 fp/s Variable per channel (NTSC)
Total Recording Speed	30 Frames Per Second per Channel; 120fps (4D30X) / 240fps (8D30X) / 480fps (16D30X)
Image Quality	6 Levels selectable
Hard Disk	8 SATA ports, Total 8 Devices, up-to 16TB 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	0°C ~ +55°C [32°F~ 130°F]
Working Humidity	10% - 90%
Barometric Pressure	86kpa - 106kpa
Physical Dimension	2U standard case, 17.4"(L)x16.9"(D)x 3.5"(H);
Weight	23 LB (without HD)

