Models Available
DVR-4D25X
DVR-8D25X
DVR-16D25X

Description

IC Realtime's Elite series Digital Video Recorder (DVR) are available in 4, 8 and 16 channel platforms. Incorporating H264 compression and high resolution HD Texas Instrument video processors, the ELITE series DVR's comply with the exacting 'Nevada Gaming Regulation Standards' (Section 11). These systems are capable of delivering a highly stable D1 30 frames per second (NTSC) and 25 frames per second (PAL) recording on live and playback modes. The systems also provide asynchronous audio recording across each channel.

With H264 compression and a design build that includes the ultra-fast video processors, image recording and transmission over the internet is seamless, fast, efficient and stable. The systems design incorporates an internal RAID storage feature that provides for full redundancy of all Hard Drives. The Elite DVR's are engineered for ease of installation, maintenance and general and incorporate a 'user friendly' 'help assisted' graphic user interface (GUI), configurable through Mouse, IR Remote Control, Front Panel or over a network.

These DVR's when used in conjunction with IC Realtime's RSS, deliver to the user, a highly flexible, centralised application that permits the viewing, management and configuration of a limitless number of networked DVR's from a single location over the internet.

The Elite DVRs also incorporate the capacity to deliver 'off-site, event-driven' recording through the systems highly developed File Transfer Protocol (FTP), a crucial feature in modern day security and data management systems.

Features

- 2U Case Specification
- H.264E Compression
- High-Speed Microprocessor & Linux OS
- Pentaflex Operation
- 25FPS on D1, HD1, BCIF, CIF & QCIF Recording Resolutions across all channels
- Real-time Synchronized AV Recording on all channels & two way audio supported
- All channel playback
- HDMI, VGA & BNC Video Outputs
- Loop back video output for every channel
- 1 Port Matrix video output for Spot monitor applications
- 2 x USB 2.0 & 1 x eSATA Port.
- RS-485 for 3D PTZ Control
- Central management software for viewing/managing multiple DVRs
- Compatible with modern licensed Alarm Receiving Centres (ARC)
- Mobile Phone Surveillance (iPhone, iTouch, Blackberry, Nokia, Android)
- Up to 8 TeraBytes (8,000G) Internal Storage

Specifications

Specifications		DVR-4D25X	DVR-8D25X	DVR-16D25X
Operating System		Embedded LINUX		
Video Compression		H.264		
Audio Compression		G.711		
Multi Task		Pentaplex Operation (Live, Recording, Playback, Backup & Remote Access)		
Control Methods		Front panel, USB mouse, IR remote control, Keyboard, Network		
Video Outputs/Recoding				
Video Outputs	HDMI	1 (1280_1024, 1280_720, 1024_768, 800_600)		
	VGA	1 (1024_768, 800_600)		
	Slave	1 BNC (1.0Vp-p, 75_),		
	Matrix	1 BNC		
	Loop Out	4 BNC	8 BNC	16 BNC
Resolution FPS	QCIF 176x144 (PAL)	100FPS (PAL) 120FPS (NTSC)	200FPS (PAL) 240FPS (NTSC)	400FPS (PAL) 480FPS (NTSC)
	CIF 352x288 (PAL)	100FPS (PAL) 120FPS (NTSC)	200FPS (PAL) 240FPS (NTSC)	400FPS (PAL) 480FPS (NTSC)
	2CIF 704x288 (PAL)	100FPS (PAL) 120FPS (NTSC)	200FPS (PAL) 240FPS (NTSC)	400FPS (PAL) 480FPS (NTSC)
	HD1 352x576 (PAL)	100FPS (PAL) 120FPS (NTSC)	200FPS (PAL) 240FPS (NTSC)	400FPS (PAL) 480FPS (NTSC)
	D1/4CIF 704x576 (PAL)	100FPS (PAL) 120FPS (NTSC)	200FPS (PAL) 240FPS (NTSC)	400FPS (PAL) 480FPS (NTSC)
Bit Rate		32~2048Kb/s		
Audio Recording		4	8	16
Two Way Audio Comm.		1 BNC Input (200-2800mV, 30K_), 1 BNC Output, BNC(200-3000mV, 5K_)		
Recording Modes		Manual, Schedule, Motion detection, Alarm, Stop		
Trigger Modes		MD Recording, PTZ movement, Tour, Alarm, Email, Spot output		
Motion Detection		Areas: 396(22_18), Sensitivity: 1~6 (level 6 is most sensitive)		
Live/Playback/Backup				
Live Display View		1, 4	1,4,8,9	1,4,8,9,16
Playback Channels		1,2,4, All	1,2,4, All	1,2,4, All
Search Modes		Time/Date, Alarm, Motion Detection & Exact search (accurate to second)		
Backup Methods		USB Flash Drive, USB Hard Drive, USB DVD-RW, eSata Devices, Network Download, Built in SATA writer.		
Network				
Network Interface		RJ45 (10/100M)		
Network Functions		TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server		
Network Operation		Live View, PTZ control, Playback, System conifg, File download, Log files		
Network Dual Stream		For 3G Mobile and Low Bandwidth - QCIF 1-25FPS (PAL) 1-30FPS (NTSC)		
Alarm/PTZ/Storage				
Alarm In/Out		4 / 6	8 / 6	16 / 6
PTZ Control		RS-485 PTZ Control on all channels		
Storage Supported		8 SATA ports - 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD supported		
HD Management		HD Hibernation, HD Raid(Redundancy) & HD Faulty Alarm		
USB / eSATA		2 USB ports (1 for mouse control & 1 for backup) / 1 Port		
Power/Environmental/Measurements				
Power Supply		AC 100~240 V, 50/60 Hz		
Power Consumption		25W	30W	40W
Working Environment		-10_~+55_ / 10~90%RH / 86~106kpa		
Dimension / Weight		2U, 440mm_460mm_89mm(W_D_H) / 6.5KG (without HD)		