

## Models Available

DVR-804E

DVR-808E

DVR-816E



## Description

The ICR Flex Series Digital Video Recorders (DVR's) come in 4, 8 and 16 channel platforms. 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.

Incorporating a 'user friendly' 'help assisted' graphic user interface (GUI), configurable through Mouse, IR Remote Control, Front Panel or over a network, the Flex DVR's are engineered for ease of installation, maintenance and general use. The Flex DVR's record at 25 FPS CIF (PAL) with synchronised audio recording. These systems provide full D1 resolution (704x480) recording video images that are visually 'Crisp & Clear' and delivering enhanced levels of quality for precise data review and

evidential data submission. The systems design incorporates an internal RAID storage feature that provides for full redundancy of all Hard Drives. These DVR's when used in conjunctions with IC Realtime's RSS Software (IC RSS) programme, delivers to the user, a highly flexible, centralised application that permits the viewing, management and configuration of networked DVR's from a single location over the internet.

The Flex 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
- 100/200/400FPS Realtime Recording
- Up to D1 Recording Resolution
- Real-time Synchronized AV Recording on 4 selected channels
- 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 4 TeraBytes (4,000G) Internal Storage

## Specifications

Specifications	DVR-804E	DVR-808E	DVR-816E	
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/Recording				
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_Ω)		
	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)
	D1 704x576 (PAL)	1st Channel 25FPS (PAL) 30FPS (NTSC) CH2 to 4 (1-6 FPS)	1st Channel 25FPS (PAL) 30FPS (NTSC) CH2 to 8 (1-6 FPS)	1st, 9th Channel 25FPS (PAL) 30FPS (NTSC) CH2 to 16 (1-6 FPS)
	Bit Rate	32-2048Kb/s		
Audio Recording	4 Selected Channel BNC			
Two Way Audio Comm.	1 BNC Input (200-2800mV, 30K_Ω), 1 BNC Output, BNC(200-3000mV, 5K_Ω)			
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 config, 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	4 SATA ports - 4 HDDs or 3 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_°C / 10-90%RH / 86-106kpa			
Dimension / Weight	2U, 440mm_460mm_89mm[W D H] / 6.5KG (without HD)			