

C2 DVR SERIES

Models Available

- DVR-4C2
- DVR-8C2
- DVR-16C2



Description

IC Realtime's C2 range of 4, 8 and 16 Channel DVR's providing the highest system quality with the most up-to-date operating features at a competitive price.

These Linux based operating systems incorporate H264 digital video recording with a High Definition Multi-Media Interface (HDMI) in addition to VGA and BNC outputs. This configuration produces unparalleled levels of image quality for the viewer. The C2 DVR's are manufactured in a 1U vented casing and incorporate low emission boards. This eliminates the requirement for an internal fan. This absence of 'fan-noise' has proven to be a very attractive feature with clients in the domestic, office and close proximity environments.

The C2 systems have the capacity to record at 'D1' or CIF25 frames per second and are capable of 4, 8 and 16 channel simultaneous playback. Two

external USB ports (x2) provide the interface for 'downloading' or 'backing-up' data.

The C2 range delivers the usual high level of operational functionality associated with the IC Realtime brand of products. Unit set-up can and operation can be achieved through USB mouse, remote control, over a network or via the unit panels. All of IC Realtime's DVR's are network accessible with images capable of being viewed remotely through IC Realtime's RSS software programme.

IC Realtime systems are capable of transmitting signals directly to licensed Alarm Receiving Centres (ARC). The systems are also capable of being interrogated remotely by means of mobile phone and PDA's with over 50 different makes supported including the iPhone, Blackberry, Nokia and iTouch.

Features

- 1U Case Specification with low emission main board
- 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
- All channel playback
- HDMI, VGA & BNC Video Outputs
- 2 x USB 2.0
- 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 1 TeraBytes (1,000G) Internal Storage

Specifications

Specifications	DVR-4C2	DVR-8C2	DVR-16C2	
Operating System	Embedded LINUX			
Video Compression	H.264			
Audio Compression	G.711			
Multi Task	Pentaflex 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 (1280x1024, 1280x720, 1024x768, 800x600)		
	VGA	1 (1024x768, 800x600)		
	Slave	1 BNC (1.0Vp-p, 75Ω)		
Resolution FPS	QCIF 176x144 (PAL)	100FPS (PAL)	200FPS (PAL)	400FPS (PAL)
	CIF 352x288 (PAL)	120FPS (NTSC)	240FPS (NTSC)	480FPS (NTSC)
	D1 704x576 (PAL)	100FPS (PAL)	200FPS (PAL)	400FPS (PAL)
	D1 704x576 (PAL)	120FPS (NTSC)	240FPS (NTSC)	480FPS (NTSC)
Bit Rate	32-2048Kb/s			
Audio Recording	4 Selected Channel BNC			
Two Way Audio Comm.	1 BNC Input (200-2800mV, 30KΩ), 1 BNC Output, BNC(200-3000mV, 5KΩ)			
Recording Modes	Manual, Schedule, Motion detection, Alarm, Stop			
Trigger Modes	MD Recording, PTZ movement, Tour, Alarm, Email, Spot output			
Motion Detection	Areas: 396(22x18), 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, Network Download.			
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 / 3	8 / 3	16 / 3	
PTZ Control	RS-485 PTZ Control on all channels			
Storage Supported	1 SATA port - 1 HDDs, Max 2TB per HDD supported			
HD Management	HD Hibernation, HD Raid(Redundancy) & HD Faulty Alarm			
USB	2 USB ports (1 for mouse control & 1 for backup)			
Power/Environmental/Measurements				
Power Supply	AC 100~240 V, 50/60 Hz			
Power Consumption	25W	25W	25W	
Working Environment	-10°C~+55°C / 10~90%RH / 86~106kpa			
Dimension / Weight	1U, 375mmx285mmx45mm(WxDxH) / 2.35KG (without HD)			