



4/8/16 CHANNEL EASYNET NVR'S

Description

IC Realtime's series of Network Video Recorders (NVR's) come in 4, 8 and 16 channel platforms. These systems combined with together with IC Realtime IP cameras, offer one of the most modern comprehensive and 'feature-rich' security surveillance solutions for our clients available within the present day marketplace.

Easy to install and use, the IC Realtime NVR's provide a complete recording solution that can be connected directly to your network and that can be managed remotely through a local area network (LAN) or the over the Internet.

The systems enable simultaneous recording and remote access to live images across the full range of 16 cameras. Scheduled and triggered

recordings can be performed at a resolution of 720p (1280x720). Designed to deliver stability and reliable operation performance, these NVR's provide 'fall-back' fault-tolerance by employing occupancy space for 4 internal SATA hard drives that incorporate a RAID redundancy technology feature.

Intelligent system diagnostics provide immediate incident details which are logged and reported in a user friendly format in order to ensure maximize 'up time' in system performance for the end user.

All of IC Realtime NVRs are capable of being rack or desk-mounted and require no additional hardware for immediate operation on installation. The NVR's can be located at any point on a network permitting recording and playback across multiple sites regardless of location.

Features

- Standalone NVR with high performance and cost effectiveness
- IP Video with H.264E compression
- Realtime live display up to 16 cameras with 720P high definition
- Record up to 16 channel D1 400/480fps or 4 channel megapixel IP cameras
- Pentaplex function: live, recording, playback, backup & remote access
- 4 HDDs supported, eSATA port, USB2.0 & CDRW/ DVD RW supported
- 4 channel simultaneous playback for D1, 1 channel playback for Megapixel
- Multiple control methods including front panel, USB mouse, IR remote control
- System status including HDD status, data stream statistics, log, bios version, online user etc.
- Alarm triggering screen tips, buzzer, PTZ preset, email, FTP upload
- Powerful network software: built in web server, multi DVR client, MSS(mobile phone surveillance software) & CMS

Specifications

Specifications	NVR-704	NVR-708	NVR-716	
Operating System	Embedded LINUX			
Video Compression	H.264/MPEG4			
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 Inputs	IP Input	4	8	16
	720P	4	4	4
	IP Cameras IC Realtime IP Camera Range			
Video Outputs	HDMI	1 (1280×1024, 1280×720, 1024×768, 800×600)		
	VGA	1 (1024×768, 800×600)		
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)
	720P 1280x720 (PAL)	100FPS (PAL) 120FPS (NTSC)	100FPS (PAL) 120FPS (NTSC)	100FPS (PAL) 120FPS (NTSC)
	Recording Modes			Manual, Schedule, Motion detection, Alarm, Stop
	Two Way Audio Comm.			1 BNC Input (200-2800mV, 30KΩ), 1 BNC Output, BNC(200-3000mV, 5KΩ)
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	1,2,4	1,2,4
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		
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		12W	12W	12W
Working Environment		-10℃~+55℃ / 10~90%RH / 86~106kpa		
Dimension / Weight		1.5U, 440mm×460mm×68mm(W×D×H) / 6KG (without HD)		