

Weather Proof Customized NVRs & DVRs Solution

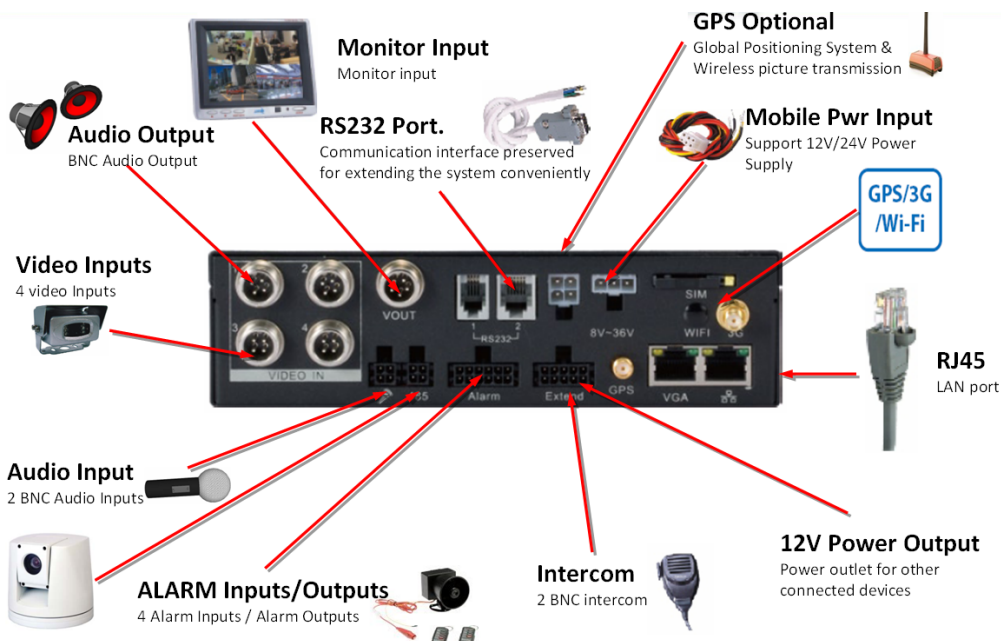
Description

Compiled of all the necessary components for a full surveillance solution, IC Realtime's NEMA-IV series recorders are an all-in-one weatherproof solution. Available in 4 channel H.264 DVR's, with 3G module & 12Volt ideal to be powered with Solar Power Sources. The NEMA-IV series consists of a full realtime Pentaplex recorder with internet accessibility and cellular communication, fused power distribution for all 4 Cameras, 12VDC input in a NEMA rated fan cooled weatherproof box. These recorders can be mounted in the harshest conditions while staying hidden from the elements and intruders alike. The NEMA-IV series maintains IC Realtime's Enhanced H.264 compression and **Linux based embedded operating system platform**. The NEMA-IV series are suitable for remote locations, mobile surveillance and applications that require a covert and complete product installation.



Applications.

Ideal for outdoor applications such as police departments, parking lots surveillance, highways, traffic light poles, seaports, airports, etc. offers easy access to live and recorded surveillance videos. Just requires a network access or Cellular communication coverage and our PSS software allows access to manage PTZ control, Live Video, Recorded Videos, Alarms, Motion Detection, Dry Contacts Control, Two Way Audio, Online Configuration and Backup. Also provide access through MSS (Mobile Surveillance Software) for smart phones. It is also Windows and Mac OS compatible. As customized solution, the NEMA IV series can be built with all of the IC Realtime DVRs and NVRs available.



Model		DVR704E	DVR704EG
System	Main Processor	High performance embedded microprocessor	
	Operating System	Embedded LINUX	
	System Resources	Pentaplex function: live, recording, playback, backup & remote access	
	Control Mode	USB mouse, IR remote control, Keyboard, Network	
Video	Input	4 channel, Air connector to BNC(1.0Vp-p, 75Ω)	
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	
	Output	2 TV, Air connector to BNC(1.0Vp-p, 75Ω), 1 VGA(RJ45 port extension)	
Audio	Input	4 channel, Air connector to BNC(200-2800mV, 30KΩ)	
	Output	2 channel, Air connector to BNC(200-3000mV, 5KΩ)	
	Bidirectional Talk	1 channel Input, (200-2800mV, 30KΩ), 1 channel Output, (200-3000mV, 5KΩ), 4-pin port extension	
Display	Display Split	1/4	
	Resolution	1280×1024, 1280×720, 1024×768, 800×600	
	Tour Display	Support	
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera	
	OSD	GPS information, Camera name, time, video loss, camera lock, motion detection, recording	
Recording	Video/Audio Compression	H.264 / PCM	
	Image Resolution	D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)	
	Encoding Speed	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps),
		Extra Stream: QCIF(1~25/30fps), CIF(1~6/7fps)	Extra Stream: CIF/QCIF(1~25/30fps)
	Bit Rate	32~2048Kb/s	
	Image Quality	1~6 level(level 6 is the best, VBR effectively)	
	Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop	
	Recording Priority	Manual >Alarm >MD >Regular	
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.	
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output	
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)	
	Video Loss & Camera Blank	Support	
	Alarm Input	7 channel	
	Relay Output	2 channel	
Playback & Backup	Playback Channel	1/2/4	
	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)	
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)	
	Backup Mode	Pluggable HDD-case / Flash drive / USB HDD / USB CD/DVD-RW / SD card / Network download	
Network	Ethernet	RJ-45 port (10/100M)	
	Wi-Fi	Optional	
	3G	Optional	
	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server	
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information	
Hard Disk	Hard Disk	1 SATA 2.5-inch HDD, Pluggable HDD-case	
	SD Card	2 SD card supported	
	Space Occupation	Audio: 28.8MB/H, Video: 56~900MB/H	
	HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)	
Auxiliary Interface	USB Interface	2 ports, 1 in front, another extension	
	RS232	2 ports, RJ11, Communication	
	RS485	PTZ control	
	GPS	Optional	
Environmental	Power Supply	+12V / +24V / +42V(+8V~+60V)	
	Power Consumption	<15W(with HDD)	
	Working Environment	0~+55°C / 10%~95%RH / 86~106kpa	
	Dimension	178mm×220mm×50mm(W×D×H)	
	Weight	2.1KG(with HDD)	
	Vibration-proof	5Hz~300Hz: X / Y / Z each direction 8 hours	
		5Hz~11Hz: Vibration amplitude 10mm	
		11Hz~300Hz: 50m/s2	