

4/8/16 Channel 2U Standalone NVR

The original IC Realtime NVR – now with even more horsepower. The 700N series of IC Realtime NVR's is the median level for IP Camera storage devices. Strong, silent, and feature rich, the 700N is a full sized (19" wide, 1.5U high) NVR capable of housing 8 HDDs internally. The 700N series recorders are typically installed in a standard 19" equipment rack, or are installed on a desktop

Powerful and robust processing are at the core of the NVR700N series. Dual Gigabit Network Interface ports enable higher resolutions and faster frame rates for recording, which can also be configured for Fault Tolerance and Load Balancing. The 700N series can handle a total of 128 Mbps of decoding and recording throughput, and can handle cameras up to 3 and 5 megapixels.

Beyond this, the NVR700N series comes standard with HDMI outputs, Alarm I/O's, and two-way talk, making it a fully featured Network Video Recorder. Due to the small size and affordable cost, typical deployments for the NVR700N series of NVR's include: light to heavy commercial sites, large offices, financial institutions, educational institutions, and gambling establishments (Casinos, etc.).

Main Features

- 4/8/16ch video inputs
- 2 10/100/1000 NICs
- 4 USB, 1 RS232, 1 RS485
- 1 HDMI, 1 VGA, 1TV
- 16 In 6 Out Alarm Relay
- All channel sync realtime playback
- Web browser, SmartICRSS, ICRSS Pro, IC View
- **This series is integration compatible**



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Technical Specs

Model System	NVR700N Series			
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video & Audio				
IP Camera Input	4 channel	8 channel	16 channel	32 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC			
Display				
Interface	1 HDMI, 1 VGA, 1TV			
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768			
Display Split	1/4	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/32
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264E / MJPEG			
Total Resources	48 Mbps	128 Mbps	128 Mbps	128 Mbps
	4 Channel : Max 120fps@1080p			
	8/16/32 Channel: Max 240fps@1080p, 480fps@720p, 960ps@D1			
Recording in Realtime	4ch 1080p	8ch 1080p	16ch 1080p	16ch 1080p
Recording Resolution	5MP(2560x1920) @7fps (Max 8Mbps) *Excluding NVR704N			
	3MP(2048x1536) @12fps (Max 8Mbps) *Excluding NVR704N			
	2MP/1080P(1920x1080) @30fps (8Mbps)			
	1.3MP/720P(1280x720) @30fps (Max 6Mbps)			
	D1 (704x576/704x480) @30fps (Max 4Mbps)			
Bit Rate Per Channel	48~ 8192kbps per channel			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	6 channel			
Playback & Backup				
Sync Playback	1/4/8	1/4/8/16	1/4/8/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			

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Backup Mode USB Device / eSATA Device / Internal SATA burner / Network

Network

Ethernet 2 RJ-45 port (10/100M/1000M)
Network Function HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support IC Realtime IP camera, DVR, NVS and etc.)
Max. User Access 20 users
Smart Phone iPhone, iPad, Android, Windows Phone

Storage

Internal HDD 8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 4TB HDD per SATA
External HDD 1 eSATA port (Max 8 SATA HDDs), up to 4TB per HDD

Auxiliary Interface

USB 4 ports (2 Rear), USB2.0
RS232 1 port, For PC communication & Keyboard
RS485 1 port, For PTZ control

General

Power Supply AC 100~240V, 50/60 Hz
Power Consumption 40W
Working Environment 14°F ~ 131°F(-10°C~55°C) / 10~90%RH / 86~106kpa
Dimension (WxDxH) 2U, 17.32" x 18.11" x 3.5" - 440mm x 460mm x 89mm
Weight 13.23lb - 6KG(without HDD)

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