

32/16-CH NVR, with optional PoE support



DN-5032R5/5016R5, support 5 internal HDDs



DN-5032R2/5016R2, support 2 internal HDDs

Features

- ✓ **Rack-mountable embedded NVR** (Network Video Recorder)
- ✓ **Connected up to 32/16-CH 1080p IP-CAM**, with sixfold operation - record, live, playback, backup, control, & remote access
- ✓ **Plug & play** for both IP-CAM & NVR
- ✓ **Support multi-brand IP-CAM with ONVIF Profile S support or RTSP**
- ✓ **H.264** video compression/decompression with configurable quality
- ✓ **Max record capabilities: 128Mbps**
- ✓ **Max playback capabilities: 64Mbps**
- ✓ **Max. 150Mbps incoming bandwidth**
- ✓ **Realtime live display, up to 30/25fps for each channel**
- ✓ **Digital watermark**
- ✓ **Two-way audio capabilities**
- ✓ **5/2 internal SATA hard drives**, with optional DVD writer
- ✓ **Event recording, time-lapse recording or both**
- ✓ **Playback search by time or event** (alarm, motion & video loss)
- ✓ **Optional PoE * 16/8 ports**
- ✓ **Digital zoom X2 & X4**
- ✓ **Audio in *1 / audio out * 1**
- ✓ **Support Push alarm notification** for portable device
- ✓ **Ethernet and USB 3G dongle support** for remote access through I.E, or proprietary remote software, e-mail alarm notification, FTP file storage, remote setup and software upgrade
- ✓ **Free DDNS server**
- ✓ **iPhone/iPad/Mac/Android/MS-Windows** remote software
- ✓ **1 I.E./Firefox/Chrome/App for multiple DVRs**
- ✓ **Support UPnP, P2P, RTSP and QR code**
- ✓ **Built-in DHCP server**
- ✓ **MS-Windows/iOS/Android SDK** for the integration with different applications

Specification

Model		DN-5032R5/5032R2	DN-5016R5/5016R2
System	O.S.	Embedded Linux 3.0	
	Multiplex	Sixfold operation - simultaneous record, live, playback, backup, control, & remote access	
Video	Format	IP-CAM with ONVIF Profile S support	
	Input	IP-CAM: Up to 32-CH 1080p	IP-CAM: Up to 16-CH 1080p
	Main monitor	HDMI*1 / VGA*1, with resolution up to 1920x1080	
	Motion Detection	Yes, with configurable detection area & sensitivity	
Audio	Input	1 RCA-jack connectors, line-in level (100mV-1Vrms)	
	Output	HDMI ; 1 RCA-jack connectors, line-out level < 1Vrms	
Record	Compression	IP-CAM: H.264; Audio: ADPCM	
	Max frame rate	128Mbps/5MP; Up to 150Mbps incoming bandwidth including live display	
	Mode	Manual/Schedule/Alarm/Motion	
	Pre-record time	0 - 10 seconds	
	Post-record time	0 - 60 minutes	
Display	Resolution	HDMI/VGA - up to 1920x1080	
	Split windows	1/4/9/16/25/36	1/4/7/9/16
	Frame rate	Up to 30/25fps per display window	
	Digital Zoom	X2, X4	
Playback	Max frame rate	64Mbps/5MP	
	Search	Date/time, Camera, Alarm, Motion & Video Loss	
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.	
Storage	HDD	Up to 5/2 sets of SATA HDDs with storage >6TB/HDD (R5: 5 HDDs, R2: 2HDDs); Failure detection & privacy law supported	
	Partitions	Configurable alarm partitions size; Configurable also auto-over-write or not	
	Backup	1 USB 2.0 ports for USB 2.0 storage device; Internal DVD models: DVD+RW, DVD+R, DVD-R; Self-playback for backup files	
Alarm	Input	16 contact or TTL/CMOS signals, polarity selectable	
	Output	4 (2 Normally Open, 2 Normally Closed) relay output	
Network	Ethernet	1 RJ-45 10M/100M Ethernet connector; Optional 16/8 Ethernet connectors for IP-CAM	
	PoE	Optional, up to 16/8 ports	
	E-mail/Push alarm	Alarm notification to stationary or mobile devices	
	Video	1/4/9/16/25/36/49/64 split-window & SEQ mode for I.E and HEM; Dynamic electronics maps for HEM; N-Streaming live view	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P	
	Remote users	Up to 8 users simultaneously	
	Remote	Support Windows 8/7/Vista/XP/2003, N-streaming live view, 1 I.E/Firefox/Chrome/App for unlimited number of DVRs, App for Mac/iPhone/iPad/Android phone and Tablet PC	
Control / POS / GPS	Remote Controller	1 remote controller to control up to 4 NVRs; Optional extension cable	
	RS-232	Optional 1 D-type male connector for PTZ, keyboard, POS, or GPS	
	RS-485	2-pin for keyboard, POS and/or PTZ control	
Setup	Local	On screen setup remote controller, USB mouse, and/or RS-485 keyboard controller	
	Remote	Setup & upload via Windows/Mac/iPad/Android phone application software	
Reliability	System recovery	Auto power on after power loss recovery; Watch Dog Timer	
	Security	Multi-level password (4 levels, up to 18 accounts) protection authentication key for remote access	
Weights & Measures	Dimension/	DN-5032R5/5016R5: 430(W) x 350(D) x 66(H)mm, 5.0KG (without HDD)	
	Weight	DN-5032R2/5016R2: 430(W) x 280(D) x 55(H)mm, 4.5KG (without HDD)	
Power	Source	+12VDC w/o PoE and +48VDC w/PoE	
	Consumption	100W (5 HDDs) / 60W (2 HDDs) Max. w/o PoE PoE: Max 16W/port and 100W total	
Operating Temperature		0°C ~ +45°C	