

# 8/4-CH NVR, with optional PoE support



Mini-size 8/4-CH NVR



Compact size 8-CH NVR, Optional PoE \* 8/4



Rack-mountable 8-CH NVR, Optional PoE \* 8/4

## Features

- ✓ Rack-mountable or compact-size embedded NVR (Network Video Recorder)
- ✓ **Connected up to 8/4-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:** 120fps@1080p, 240/200fps@720p
- ✓ **Max playback capabilities:** 80fps@1080p, 160fps@720p
- ✓ **Max. 56Mbps incoming bandwidth**
- ✓ **Realtime live display, up to 30/25fps for each channel**
- ✓ **Digital watermark**
- ✓ **Two-way audio capabilities**
- ✓ 2/1 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 \* 8/4**
- ✓ 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**
- ✓ **MS-Windows/iOS/Android SDK** for the integration with different applications

## Specification

Model		DN-5008/5008C/5008R	DN-5004
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 8-CH 1080p	IP-CAM: Up to 4-CH 1080p
	Main monitor	HDMI*1 / VGA*1, with resolution up to 1920x1080	
	Motion Detection	Yes, with configurable detection area & sensitivity	
	Input	1 RCA-jack connectors, line-in level (100mV-1Vrms)	
Audio	Output	HDMI ; 1 RCA-jack connectors, line-out level < 1Vrms	
	Compression	IP-CAM: H.264; Audio: ADPCM	
Record	Max frame rate	120fps@1080p, 240/200fps@720p Up to 56Mbps incoming bandwidth, including live display	120/100fps@1080p/720p Up to 56Mbps incoming bandwidth, including live display
	Mode	Manual/Schedule/Alarm/Motion	
	Pre-record time	0 - 10 seconds	
	Post-record time	0 - 60 minutes	
	Resolution	HDMI/VGA - up to 1920x1080	
Display	Split windows	1/4/7/9	1/4
	Frame rate	Up to 30/25fps per display window	
	Digital Zoom	X2, X4	
	Max frame rate	80fps@1080p, 160fps@720p	80fps@1080p, 120fps@720p
Playback	Search	Date/time, Camera, Alarm, Motion & Video Loss	
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.	
	HDD	Up to 2/1 sets of SATA HDDs, > 4TB/HDD; Failure detection & privacy law supported	
Storage	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 (DN-50xxR): DVD+RW, DVD+R, DVD-R; Self-playback for backup files	
	Input	4 contact or TTL/CMOS signals, polarity selectable	
Alarm	Output	1 Normally Open or Normally Closed relay output	
	Ethernet	1 RJ-45 10M/100M Ethernet connector; Optional 8/4 Ethernet connectors for IP-CAM	
Network	PoE	Optional, up to 8/4 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	
	Remote Controller	1 remote controller to control up to 4 NVRs; Optional extension cable	
Control / POS / GPS	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	
	Local	On screen setup remote controller, USB mouse, and/or RS-485 keyboard controller	
Setup	Remote	Setup & upload via Windows/Mac/iPad/Android phone application software	
	System recovery	Auto power on after power loss recovery; Watch Dog Timer	
Reliability	Security	Multi-level password (4 levels, up to 18 accounts) protection authentication key for remote access	
Weights & Measures	Dimension/Weight	185(W) x 195(D) x 44(H)mm (DN-5008/5004), 1.2KG (without HDD) 320(W) x 210(D) x 50(H)mm (DN-5008C), 2.0KG (without HDD) 430(W) x 280(D) x 55(H)mm (DN-5008R), 2.0KG (without HDD)	
	Source	+12VDC w/o PoE and +48VDC w/PoE	
	Consumption	60/36W Max. w/o PoE; PoE: Max 16W/port	
Operating Temperature		0°C ~ +45°C	