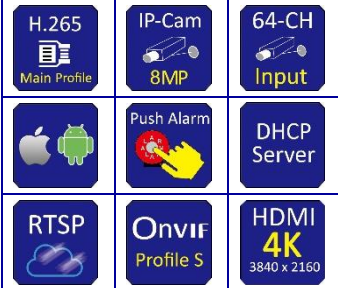


64/32/16-CH H.265 NVR



Features

- ✓ **Rack-mountable embedded NVR** (Network Video Recorder)
- ✓ **Connected up to 64-CH IP-CAM with total resolution 160-MP**, 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.265/H.264** video compression/decompression with configurable quality
- ✓ **Max decoding capabilities: 16x1080p@30 fps H.265/H.264**
- ✓ **Max playback capabilities: 128Mbps/8MP (480fps@1080p, 960fps@720p)**
- ✓ **Max. 320Mbps incoming bandwidth**
- ✓ **Realtime live display, up to 30/25fps for each channel**
- ✓ **Digital watermark**
- ✓ **Two-way audio capabilities**
- ✓ **6/2** internal SATA hard drives
- ✓ **HDMI * 1 (3840x2160, 4K output), VGA * 1 (2560x1600), CVBS * 1**
- ✓ **2 eSATA** connectors for HDD extension
- ✓ 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
- ✓ Alarm in * 16 / alarm out * 4
- ✓ **Support DI/DO of IP-Cam**
- ✓ Support **Push alarm notification** for portable device
- ✓ Ethernet and **USB 3G/4G 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-5064A/5032A/5016A
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 64/32/16-CH, 8MP/CH
	Main monitor	HDMI, with resolution up to 3840x2160 (4K), VGA, with resolution up to 2560x1600; BNC, 1Vp-p/75ohm, with Call function
	Motion Detection	Yes, with configurable detection area & sensitivity
Decoding	Decoding Capability:	16x1080p@30 fps H.265/H.264
	Live view / Playback:	8MP/5MP/4MP/3MP/1080p/720p/720x480
Record	Compression	IP-CAM: H.265/H.264 ; Audio: ADPCM
	Recording Resolution:	8MP/5MP/4MP/3MP/1080p/720p/720x480
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
Audio	Input	1 RCA-jack connectors, line-in level (0.1-1Vrms)
	Output	HDMI ; 1 RCA-jack connectors, line-out level < 1Vrms
Display	Resolution	HDMI: 3840x2160, VGA: 2560x1600, CVBS
	Split windows	1/4/7/9/16/25/36/64
	Frame rate	Up to 30/25fps per display window
	Freeze	Yes
	Digital Zoom	X2, X4
Playback	Max frame rate	128Mbps/8MP (480fps@1080p, 960fps@720p)
	Synchronous Playback:	64 / 32 / 16 ch (480fps@2MP)
	Search	Date/time, Camera, Alarm, Motion & Video Loss
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.
Storage	HDD	Up to 6/2 sets of SATA HDDs with storage > 6TB/HDD (R6: 6 HDDs, R2: 2HDDs); Failure detection & privacy law supported
	HDD Extension	2 eSATA connectors for up to 10 HDDs
	Backup	1 USB 3.0 port & 2 USB 2.0 port, Self playback for backup files
Alarm	Input	16 contact or TTL/CMOS signals, polarity selectable; support alarm inputs of IP-CAM
	Output	4 (2 Normally Open, 2 Normally Closed) relay output; support alarm outputs of IP-CAM
Network Interface & Others:	Incoming bandwidth:	Up to 320Mbps incoming bandwidth including live display
	Ethernet	1 RJ-45 10M/100M/1G 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
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 for remote access
Weights & Measures	Dimension/ Weight	DN-5064AR6/5032AR6/5016AR6: 430(W) x 350(D) x 66(H)mm, 5.0KG (without HDD) DN-5064AR2/5032AR2/5016AR2: 430(W) x 280(D) x 55(H)mm, 4.5KG (without HDD)
	Power	
Power	Source	+12VDC w/o PoE and +48VDC w/PoE
	Consumption	100W (6 HDDs) / 60W (2 HDDs) Max. w/o PoE, PoE: Max 16W/port and 100W total
Operating Temperature	0°C ~ +55°C	