



64-CHANNEL ULTRA H.265 NVR

Key Specifications:

- + Up to 64 IP cameras can be connected
- + Supports up to 16 Megapixel resolution recording
- + HDMI up to 4K (3840x2160), VGA up to 1920x1080p independent output
- + Support mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols
- + Support Ultra 265/H.265/H.264 video formats
- + Incoming bandwidth of 320Mbps, outgoing bandwidth of 160Mbps
- + 8 SATA HDD, up to 12TB for each HDD
- + Support N+1 Hot spare
- + ANR Network Storage
- + One-click Cloud firmware updating
- + NDA Compliant

The 64-Channel NVR supports up to 64 IP cameras, eight hard drive bays up to 12TB, and an incoming bandwidth of 320 Mbps. With a recording resolution of up to 16MP, it delivers ultra-sharp, high-resolution images.

- + **Ultra compression technology** - This NVR supports Ultra H.265, H.265, and H.264 video codecs that help reduce file size, maximize recording time and save hard drive space.
- + **Smart VCA detection** - This versatile recorder allows multiple selectable recording modes: intrusion, cross line, defocus and scene change detection, and VCA search. Recording features include event search, event log, and email notification.
- + **Intuitive interface** - Everything you need to manage your system at your fingertips. With an intuitive interface and access to the free mobile app and CMS, managing your network has never been simpler. It's loaded with powerful features: drag-and-drop system and camera selection, customizable displays, device grouping, alarms and notifications, and remote system management.

SPECIFICATIONS

VIDEO/AUDIO INPUT

IP Video Input	16-ch
Audio Input	1-ch, RCA

NETWORK

Incoming bandwidth	320Mbps
Outgoing bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP
Browser	IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows

VIDEO/AUDIO OUTPUT

HDMI/VGA Output	HDMI: 4K (3840x2160)@30, 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60, 1280x720@60, 1024x768@60 VGA: 1920x1080p@60, 1920x1080p@50, 1280x1024@60, 1600x1200@60, 1280x720@60, 1024x768@60
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Two-way Audio	1-ch, RCA(Using the audio input and output)
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch
Live View Display	VGA: 1/4/6/8/9/16 HDMI: 1/4/6/8/9/16"
Corridor Mode Screen	3/4/5/7/9/10/12/16

SNAPSHOT

FTP/Schedule/Event Snapshot	4-ch snapshot, up to D1 resolution
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DECODING

Decoding Format	Ultra 265/H.265/H.264
Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	Ultra 265/H.265: 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080p@30, 32 x 960p@25, 36 x 720p@30, 64 x D1 H.264: 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080p@30, 28 x 960p@25, 30 x 720p@30, 64 x D1

HARD DISK

SATA	8 SATA interfaces
Capacity	Up to 12TB for each disk
Disk Group	Support

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SMART

VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, UMD(Ultra Motion Detection)
VCA Search	Behavior Search, People Counting Report, Vehicle Search
People Counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP), Vehicle Detection, UMD by Camera	Total 8-ch

GENERAL ALARM

General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal

EXTERNAL INTERFACE

Network Interface	2 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front: 2 x USB2.0, Rear panel: 1 x USB3.0
RS232	NA
RS485	1
Alarm In	16-ch
Alarm Out	4-ch

SPECIFICATIONS

GENERAL

Power Supply	100-240V AC Power Consumption: ≤ 32W (without HDD)"
Working Environment	-10°C-+ 55°C (+14°F--+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	442mm × 426mm × 89mm (17.4" × 16.8" × 3.5")
Weight (without HDD)	≤ 4Kg (8.80lb)

CERTIFICATION

Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	Part15 Subpart B
