



H.265 2 HDD 40CH NVR WITH ALARM IN/OUT

Video and Audio

Access Channel	40
Incoming Bandwidth	400Mbps
Outgoing Bandwidth	400Mbps
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16, 720P(30fps)×32, 4CIF(30fps)×40
Playback Decoding Capability	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16, 720P(30fps)×16
Third-party Camera Access	ONVIF; RTSP
HDMI Output	HDMI: 800×600(60Hz), 1024×768(60Hz), 1280×720(50Hz/60Hz), 1280×800(60Hz), 1366×768(60Hz), 1440×900(60Hz), 1920×1080(50Hz/60Hz), 2560×1440(30Hz/60Hz), 2560×1600(60Hz), (4K)3840×2160(30Hz/60Hz)
VGA Output	VGA: 800×600(60Hz), 1024×768(60Hz), 1280×720(50Hz/60Hz), 1280×800(60Hz), 1366×768(60Hz), 1440×900(60Hz), 1920×1080(50Hz/60Hz)
Multi-screen Display	Independent Output: HDMI: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40 VGA: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40
Audio Input	1-ch, 3.5mm
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, 3.5mm, using the audio input

Compression

Video	S+265; H.265; S+264; H.264
Audio	G711A; G711U; AAC; ADPCM_DIV4
Stream Type	Video; Video & Audio



Network

Network Protocol	ARP; DDNS; DHCP; DNS; Easy DDNS; FTP; HTTP; HTTPS; ICMP; IGMP; IPv4; IPv6; Multicast; NFS; NTP; PPPoE; RTCP; RTP; RTSP; SMB/CIFS; SMTP; SNMP v1; SRTP; SSH; SSL; TLSv1.2, TLSv1.3; TCP/IP; UDP; Unicast; UPnP
Mobile Phone Access	Android; iOS; P2P
System Compatibility	ONVIF(Profile S/T/G); RTSP; CGI; SDK
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+

Record Playback

Multi-channel Playback	16
Record Mode	Manual Recording; Alarm Recording; Schedule Recording
Storage Method	Local HDD
Backup	USB storage device, Network
Playback Function	Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full Screen/Backup (Video Editing)/Step/Digital Zoom
Dual Stream Record	Yes

Alarm

General Alarm	Motion Detection; Mask Alarm; Alarm Input(IPC); Alarm Input(NVR); Manual Alarm
Exceptions Alarm	Video Loss; IP Conflict; MAC Conflict; Network Disconnected; No Disk; Illegal Access; Disk group space alert; Disk Full; Disk R/W Error; Recording Abnormal; Abnormal found in smart of disk; Abnormal temperature of the disk; Hot-spare Exception; Voltage Alarm(IPC); RTC Failure

Intelligent Analytics

AI by Camera	Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Loiter; Running; Parking; Heatmap; Video Abnormal; Audio Abnormal; License Plate Recognition; On Duty Detection; Crowd Detection; Parking Guard; Safety Helmet Detection; Electric Bicycle Detection; People Counting; Link to Tracking; Smoke and Fire Detection; Environmental Temperature Measurement; Face Detection; Human Body Temperature Measurement; Smart Motion; Face Recognition; Human/Vehicle Classification
VCA Search	Heatmap; Early-warning Search; Behavior Search; License Plate Search; Safety Helmet Search; Thermographic Retrieval; Duty Search; Electric Bicycle Retrieval; Face Search



Face Detection

Face Attributes	Gender; Age; Glasses; Face Mask; Body Temp.
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Face Recognition

Face Picture Library	Up to 300 face libraries Up to 100000 base images
Face Picture Comparison	Face Picture Comparison (Cooperate with facial recognition IPC)

Storage

HDD Capacity	Up to 10 TB capacity for each HDD
Disk Group	2 Disk Group

External Port

USB	1×USB2.0; 1×USB3.0
HDMI	1×HDMI(supports up to 4K resolution output)
VGA	1×VGA
Network Interface	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
SATA	2×SATA interface
RS232	1×RS232
RS485	1×RS485
Alarm I/O	16-ch, TTL inputs, 3mA, 3.3VDC; 4-ch, relay outputs, 1A, 24VDC

General

UI Language	Simple Chinese; Traditional Chinese; English; Spanish; Korean; Italian; Turkish; Russian; Thai; French; Polish; Dutch; Hebrew; Arabic; Vietnamese; German; Ukrainian; Portuguese; Albanian
Power Supply	DC12V 3.3A
Power Consumption	<15W(HDD not included, idling)
NetWeight	2.25Kg
GrossWeight	3.85Kg
Boundary Dimensions	440(L)277(W)47.5(H)mm
Package Dimensions	510(L)150(W)385(H)mm
Operating Temperature	(°F131+~°F14+) °C55+~°C10-
Operating Humidity	10%~90%RH (non-condensing)
Storage Temperature	(°F140+~°F4-) °C60+~°C20-
Package Kit	Network Video Recorder; Screw Pack; Mouse; Power Adapter; European Standard Power Cord; 2×Ear Plate; 2×SATA Hard Disk Data Cable; 1×SATA Power Cord



Dimensions / Accessories

