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QV-NVR6CB16P-V16
16 Channel 1.5U 4HDD Network Video Recorders

Key Features

- 16CH IP Video input, up to 12M
- H.265+/H.265 video compression
- Incoming/Outgoing Bandwidth: 160M/256M
- Playback: 16-ch 1080P @ 30fps (H.265)/6CH 5M @ 30fps/4-ch 4K @ 30fps/2-ch 12M @ 30fps
- Supports mainstream cameras of ONVIF and RTSP protocol
- HDMI 1/HDMI 2 Heterogeneous outputs, maximum resolution of HDMI is 4K
- AI by Camera: SMD, perimeter protection, face detection, etc.

Professional and Reliability

- H.265+ compression effectively reduces storage requirements by up to 75%
- Third-party cloud storage integration –Google Drive and Dropbox for video backup

Stability

- Automatic Network Replenishment

Third-Party Compatibility

- Supports ONVIF and RTSP protocols for seamless integration with third-party cameras

Smart Search and Playback

- Smart search and smart playback for the smart events triggered by humans or vehicles

HD Video Output

- Provide Heterogeneous HDMI and VGA outputs, and dual HDMI outputs

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- HDMI video output at up to 4K resolution

Storage and Playback

- Up to 4 SATA interfaces (up to 18 TB capacity per HDD)
- 16-ch synchronous playback

Network & Ethernet Access

- 2 self-adaptive 10/100/1000Mbps Ethernet interface
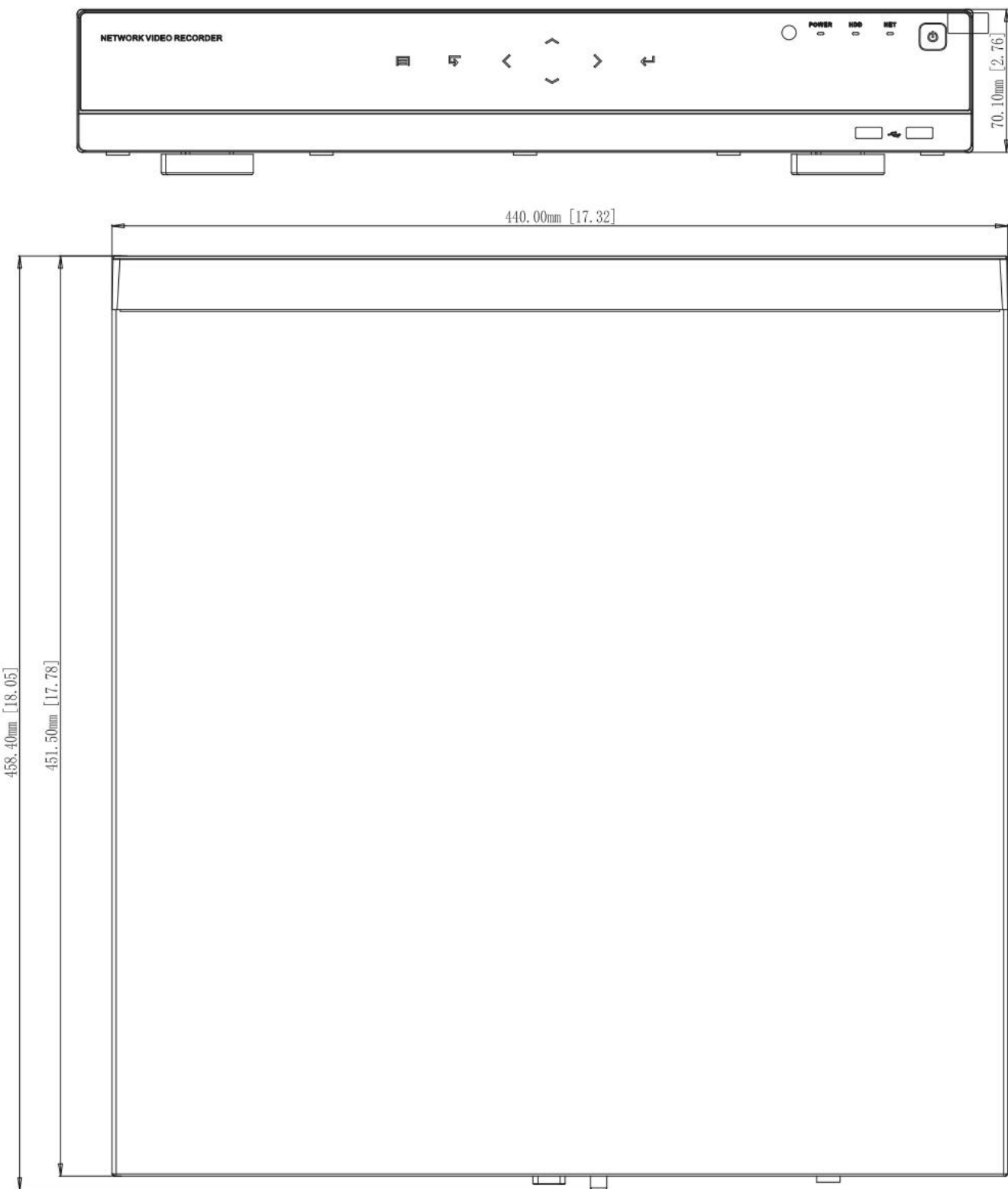- vEye-Pro for easy network management

Specification

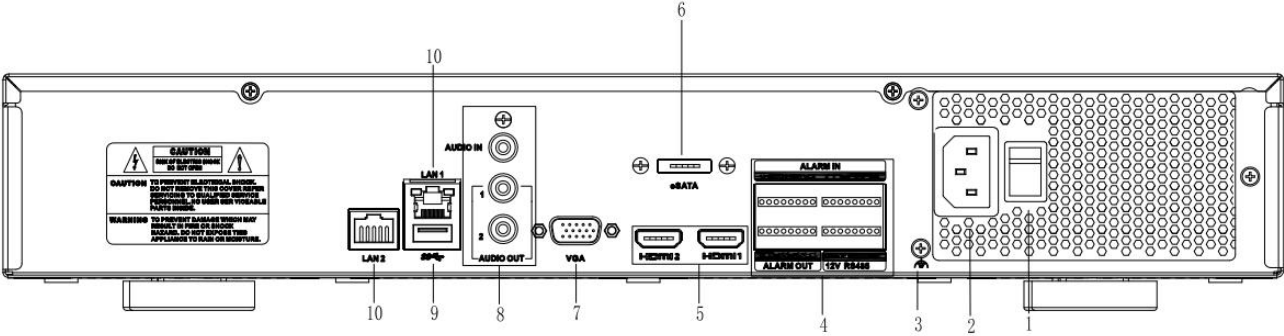| Video & Audio Input	
IP Video Input	16-ch
Audio Input	1-ch, RCA
Video & Audio Output	
HDMI	HDMI 1 : 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI 2 : 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Audio Output	2-ch, RCA
Recording	
Compression	H.265+/H.265/H.264+/H.264
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF
Playback & Backup	
Playback Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF
Decoding Capability	2-ch @ 12M 20fps 4-ch @ 8M 30fps 6-ch @ 5M 30fps 8-ch @ 4M 30fps 16-ch @ 1080P 30fps
Synchronous Playback	16-ch
Playback Mode	Smart Playback/Normal/Time Division/Label/Event/Picture Playback
Backup Mode	USB Device/Network/eSATA
Advanced Features	
Smart Detection	Area Intrusion, Line crossing, Region Entrance /Region Exiting, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred detection, Scene change detection, Audio exception detection, SMD, PP

Smart Playback	Face detection/Line Crossing/Are Intrusion/Motion Detection/Human Detection/Vehicle Detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	256Mbps
Ethernet	2 x RJ-45 10/100/1000Mbps self-adaptive Ethernet interface
Network Function	HTTPs, HTTP, TCP/IP, IPv4, UPnP, RTSP, UDP, SMTP, SNMP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF
Smart Phone	IOS (iPhone, iPad), Android (Phone, Pad)
Hard Disk	
SATA	4 SATA interface
Capacity	Up to 18TB capacity for each HDD
External Interface	
USB Interface	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0
eSata	1 x eSATA
RS 485	2
Alarm In	16-ch
Alarm Out	4-ch
General	
Power Supply	AC 100 ~ 240V
Power Consumption	≤20W (without HDD)
Working Environment	-10°C ~ +55°C (14°F ~ 131°F)/10% ~ 90%RH
Dimension (W×D×H)	440 × 448 × 70 mm (17.32" × 17.64" × 2.76")
Weight	6.1 KG (13.44 lb)

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Dimensions

NETWORK VIDEO RECORDER

POWER HDD NET

70.10mm [2.76]

440.00mm [17.32]

458.40mm [18.05]

451.50mm [17.78]

Rear Panel

No.	Description	No.	Description
1	Power Switch	6	eSATA Port
2	Power Input	7	VGA Port
3	Ground	8	Audio IN/OUT RCA
4	Alarm Input	9	USB Port
5	HDMI Port	10	Network Port