

QV-NVR6RA256P-Y1X2

256 Channel 3U 16HDD Network Video Recorders



Key Features

- 256CH IP Video input, up to 12M
- H.265+/H.265 video compression
- Incoming/Outgoing Bandwidth: 1024M/800M
- Playback: 16CH 4M@30fps/8CH 8M@30fps/5CH 12M@30fps
- Supports mainstream cameras of ONVIF and RTSP protocol
- HDMI 1/HDMI 2/HDMI 3/HDMI 4 Heterogeneous outputs, maximum resolution of HDMI is 8K
- Supports N+1 Hot Spare, Raid 0/1/5/10, Drawer-like chassis design allows for HDD hot swapping.
- 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 4 HDMI outputs
- HDMI video output at up to 8K resolution

Storage and Playback

- Up to 16 SATA interfaces (up to 22 TB capacity per HDD)
- 16-ch synchronous playback

Network & Ethernet Access

- 1×10/100/1000/2500 Mbps and 2×10/100/1000 Mbps Ethernet interface
- vEye-Pro for easy network management

Specification

Video & Audio Input	
IP Video Input	256-ch
Two Way Talk	1-ch, RCA
Video & Audio Output	
HDMI	2-channel VGA,4-channel HDMI video output Simultaneous mode: max. resolution of HDMI1 is 8K, max. resolution of HDMI2 HDMI4 is 4K, max. resolution of VGA1 VGA2 HDMI3 is 1080P, Heterologous mode: Simultaneous video source output for VGA1 and HDMI4, Simultaneous video source output for VGA2 and HDMI2, max. resolution of HDMI1 HDMI4 and HDMI2 is 4K, max. resolution of HDMI3 is 1080P, max. resolution of VGA1 and VGA2 is 1080P
Multi-screen Display	Main screen: 1/4/8/9/16/25/36/64 Sub screen: 1/4/8/9/16/25/36 Corridor mode: 3 4 5 7 8 9 10 12 16
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
Playback & Backup	
Playback Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF



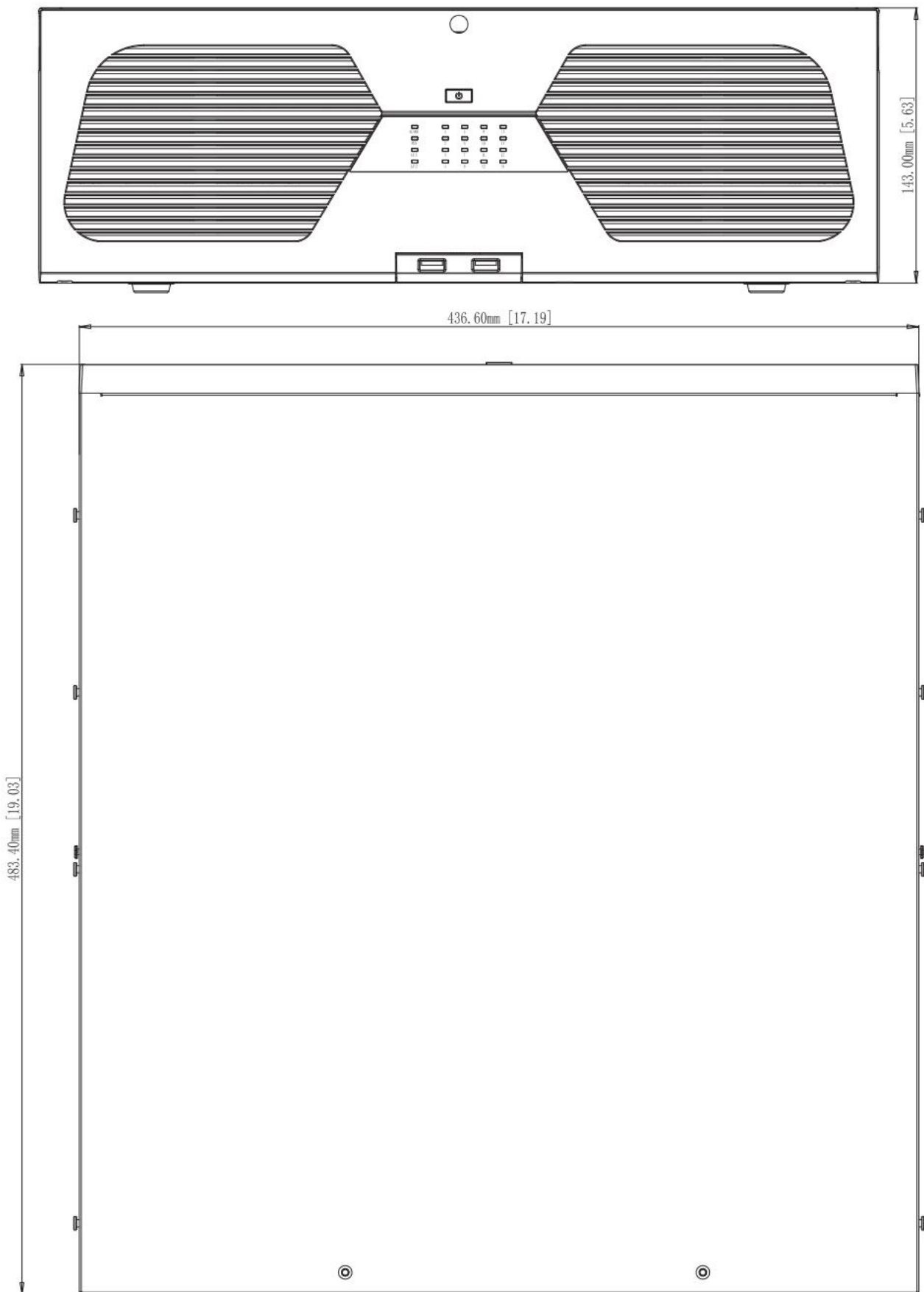
Decoding Capability	H.265: 32-ch 1080P @ 30fps 16-ch 4Mp @ 30fps 8-ch 8Mp @ 30fps 4-ch 16Mp @ 30fps 2-ch 32Mp @ 30fps H.264: 16-ch 1080P @ 30fps 8-ch 4Mp @ 30fps 4-ch 8Mp @ 30fps 2-ch 16Mp @ 30fps 1-ch 32Mp @ 30fps
Synchronous Playback	16-ch
Playback Mode	Smart Playback/Normal/Time Division/ Label/ Event/ Picture Playback
Backup Mode	USB Device/Network/eSATA
Advanced Features	
Cloud Storage	Support
Cloud Upgrade	Support
Network	
Incoming Bandwidth	1024Mbps (Without Raid) , 512Mbps (Raid)
Outgoing Bandwidth	800Mbps (Without Raid) , 400Mbps (Raid)
Ethernet	1 x RJ-45 10/100/1000/2500Mbps self-adaptive Ethernet interface 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
Smart Phone	IOS (iPhone, iPad) , Android (Phone, Pad)
Hard Disk	
SATA	16 SATA interface
Capacity	Up to 22TB capacity for each HDD
RAID	RAID 0, RAID 1, RAID 5, RAID 10
External Interface	
USB Interface	Front panel: 2 x USB 2.0 Rear panel: 1 x USB 3.0, 1 x USB 2.0
eSata	2 x eSATA
SFP	2 (2 Gigabit ports are mutually exclusive)
RS 485	2-ch
RS 232	1-ch
12V Out	2-ch, 12V @ 1A
miniSAS	N/A
Alarm In	24-ch



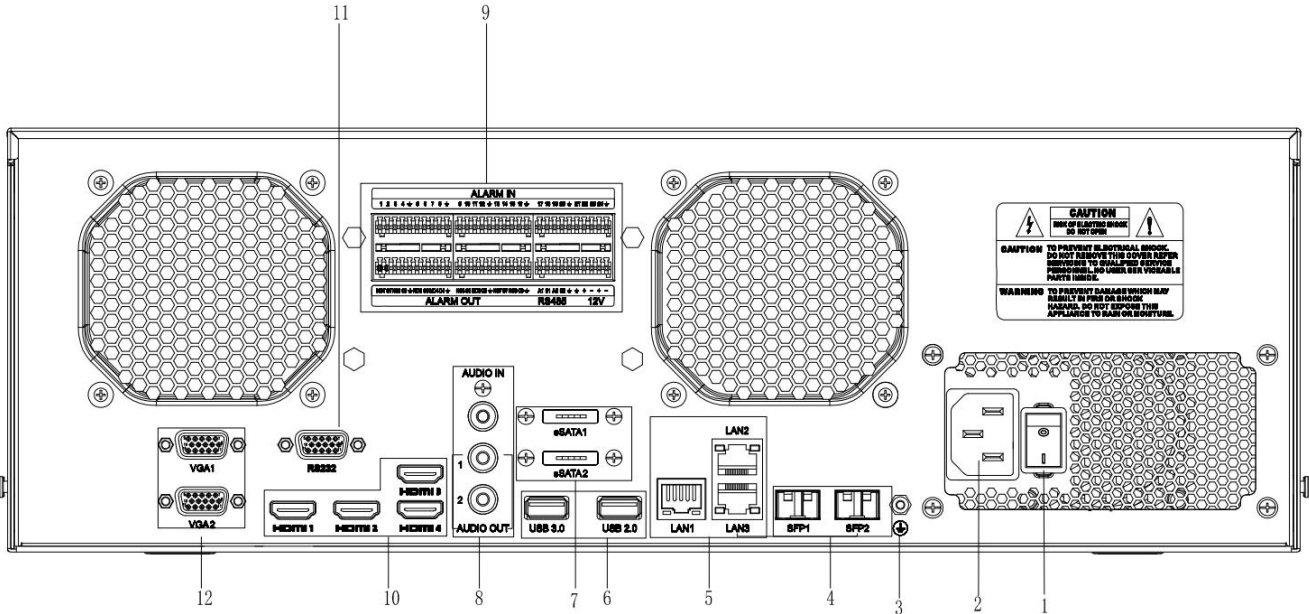
Alarm Out	8-ch
General	
FAN	Fan supports intelligent speed control
Power Supply	AC 100~240V, 275W
Power Consumption	50W ≤ (without HDD)
Working Environment	-10°C ~ +55°C/10% ~ 90%RH
Dimension (W × D × H)	437 × 484 × 143 mm (17.20" × 19.05" × 5.62")
Weight	15.3kg (33.73 lb)
Certification	FCC: 47 CFR FCC Part15, SubpartB, Class A CE-EMC: EN 55032:2020, Class A; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 55024:2010+A1:2015; EN 55035:2020; EN 50130-4:2011+A1:2014 CE-LVD: EN 62368-1:2014+A11:2017



Dimensions



Rear Panel



No.	Description	No.	Description
1	Power Input	7	e SATA Port
2	Power Switch	8	Audio IN/OUT RCA
3	Ground	9	Alarm Input
4	SFP Port	10	HDMI Port
5	Network Port	11	RS232 Port
6	USB Port	12	VGA Port