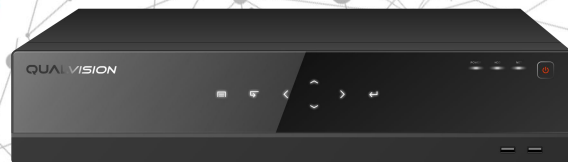# QUALVISION

QV-NVR6RA64P-W18
64 Channel 2U 8HDD Network Video Recorders

8K

Key Features

- 64-ch IP video input, up to 12M
- H.265+/H.265 video compression
- Incoming/Outgoing bandwidth: 1024M/800M
- Playback: 32-ch 1080P @ 30fps/16-ch 4Mp @ 30fps/8-ch 8Mp @ 30fps/5-ch 12Mp @ 30fps
- Supports mainstream cameras of ONVIF and RTSP protocol
- Supports Raid 0, 1, 5
- 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

- N+1 Hot Spare
- 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

- Support 4 x HDMI and 2 x VGA outputs
- Provide heterologous output for the 4 HDMI ports
- HDMI video output at up to 8K resolution

Storage and Playback

- Up to 8 SATA interfaces (up to 22 TB capacity per HDD)
- 16-ch synchronous playback

Network & Ethernet Access

- Dual self-adaptive 10/100/1000/2500Mbps Ethernet interface
- vEye-Pro app for easy network management

Specification

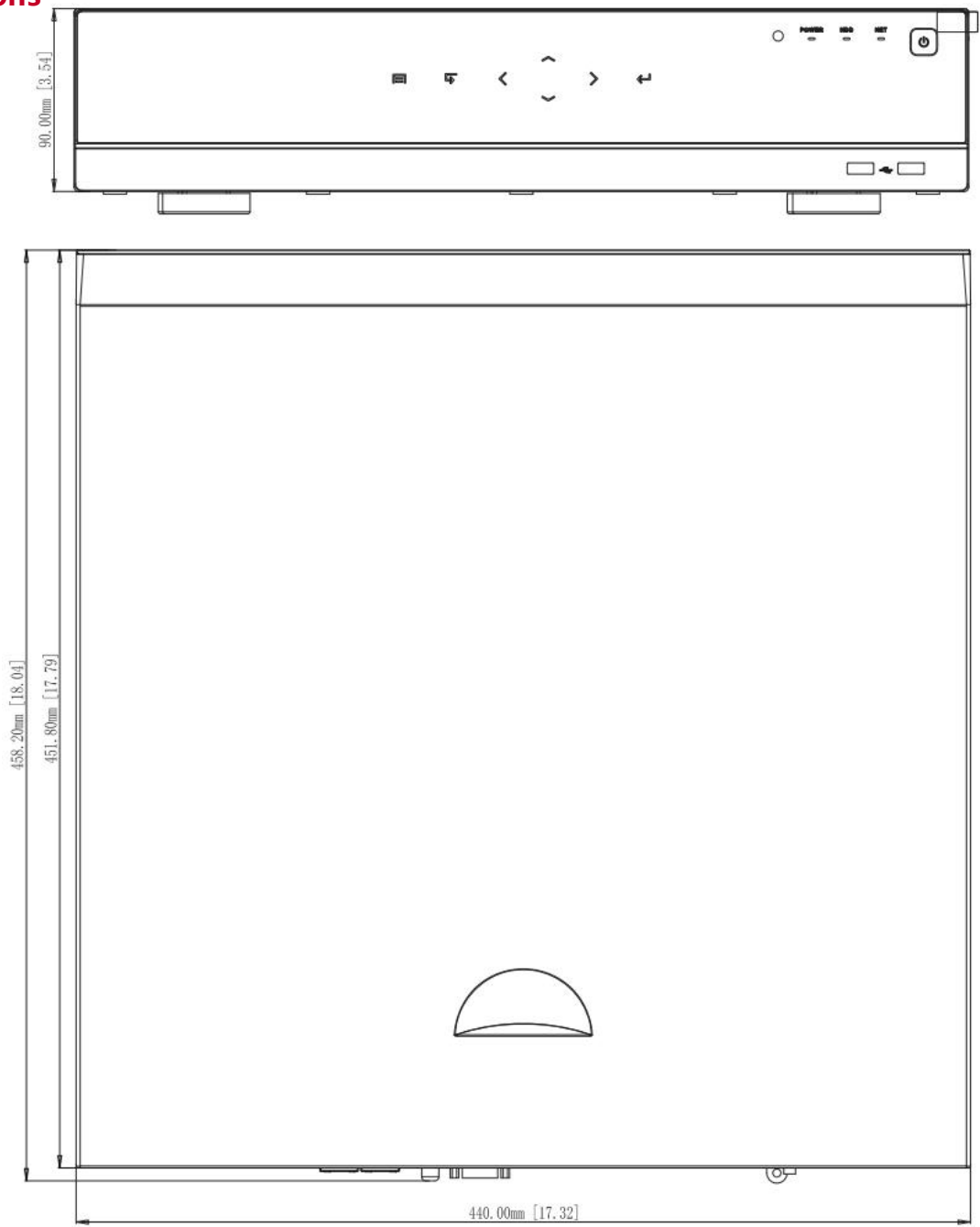| Video & Audio Input			
IP Video Input	64-ch		
Audio Input	1-ch, RCA		
Video & Audio Output			
HDMI 1 Output	7680 × 4320/30Hz,3840 × 2160/30Hz,1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
HDMI 2 Output	3840 × 2160/30Hz,,1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
HDMI 3 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
HDMI 4 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
VGA 1 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
VGA 2 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
Video Output Mode	2-ch VGA, 4-ch HDMI video output		
	Simultaneous	max. resolution of HDMI1 is 8K max. resolution of HDMI2 and HDMI4 is 4K max. resolution of VGA1 VGA2 and HDMI3 is 1080p	
	Heterologous	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	
Main Screen (screen split)	1, 4, 8, 9,16, 25, 36, 64 screen split		
Secondary Screen (screen split)	1, 4, 8, 9, 16, 25, 36 screen split		
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	32-ch 1080P @ 30fps 16-ch 4Mp @ 30fps 8-ch 8Mp @ 30fps 5-ch 12Mp @ 30fps
Synchronous Playback	16-ch 1080P @ 30fps/16-ch 4Mp @ 30fps/8-ch 8Mp @ 30fps/5-ch 12Mp @ 30fps
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
Cloud Storage	Support
Cloud Upgrade	Support

Network

Incoming Bandwidth	1024Mbps (without raid) /512Mbps (raid)
Outgoing Bandwidth	800Mbps (without raid) /400Mbps (raid)
Ethernet	2 x 2.5GE 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	8 SATA interfaces
Capacity	Up to 22TB capacity for each HDD

External Interface

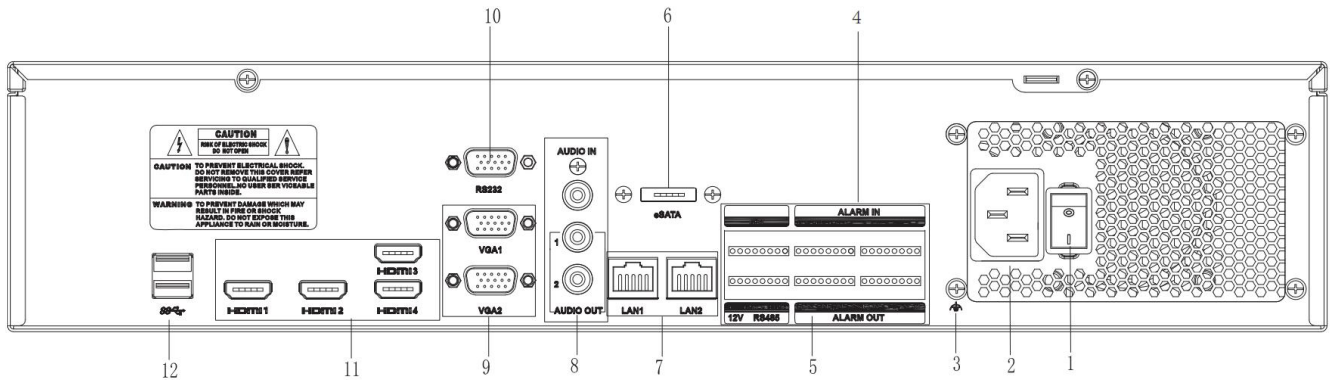|	
USB Interface	Front panel: 2 × USB 2.0 Rear panel: 2 × USB 3.0
eSata	1 x eSATA
RS 485	1-ch
RS 232	1-ch
12V Out	1-ch
Alarm In	16-ch

Alarm Out	8-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 × 452 × 90 mm (17.32" × 17.79" × 3.54")
Weight	7.9 kg (17.41 lb)

Dimensions

Rear Panel

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