



XVR-Q1-C8/XA

- ❖ 8 channels and 1 HDD 1U AcuSense DVR
- ❖ Support 2-ch Facial Recognition or 4-ch advanced model Perimeter Protection based on Deep Learning algorithm
- ❖ Support 4-ch AcuSearch Technology
- ❖ Efficient H.265 pro+ compression technology
- ❖ Encoding ability up to 3K/5M Lite @ 12 fps
- ❖ 5 signals input adaptively (HDTV/1080P/AHD/CVI/1080P/1080I/1080P/1080I/1080P/1080I)
- ❖ Up to 12 -ch network cameras can be connected
- ❖ Support All channels Motion Detection Technology
- ❖ Support All channels HDTV/1080P Two-Way Audio Technology

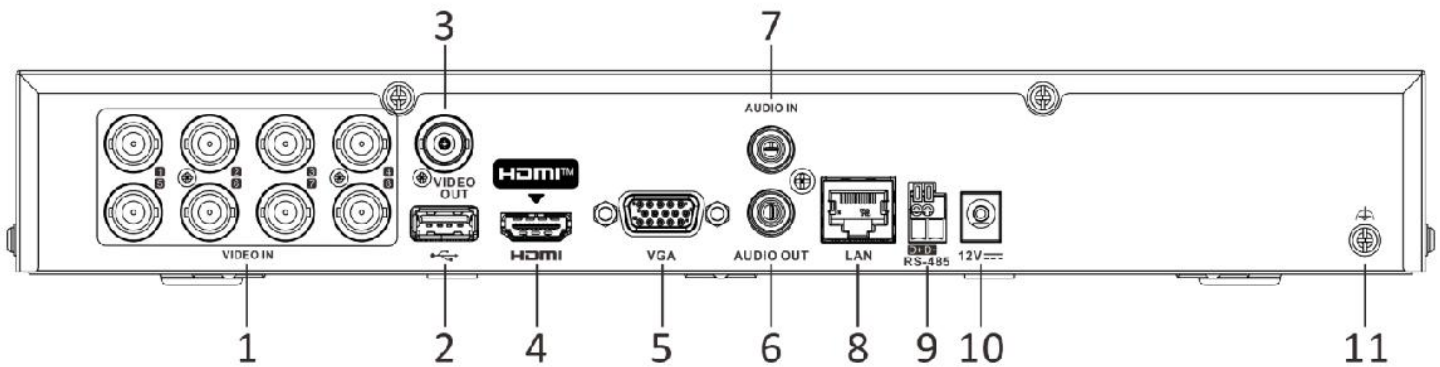
Digital Video Recorder	
Model	XVR-Q1-C8/XA
Product Name	8-ch 1 HDD 1080P 1U AcuSense XVR
Facial Recognition	
Face Picture Comparison	Face picture comparison, face picture search (2-ch face picture comparison alarm for HD analog camera)
Face Picture Library	Up to 16 face picture libraries
Facial Detection	
Human/Vehicle Analysis	N/A
Motion Detection 2.0	
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported;
Perimeter Protection	
Human/Vehicle Analysis	Up to 4-ch
Video And Audio	
IP Video Input	2-ch (up to 10-ch) Enhanced IP mode on: 4-ch (up to 12-ch), Up to 6 MP resolution
Analog Video Input	8-ch, BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection

<p>Analog Cameras Supported</p>	<p>HDTVI Camera Input 3K(2960 x 1665) @ 25/20 fps; 3K(3328x1504) @ 20 fps; 5 MP(2560 × 1944) @ 20 fps; 4 MP(2560 × 1440) @ 25/30 fps; 1080P @ 25/30 fps; 720P @ 25/30 fps</p> <p>AHD Camera Input 5 MP(2560 × 1944) @ 20 fps; 4 MP(2560 × 1440) @ 25/30 fps; 1080P @ 25/30 fps; 720P @ 25/30 fps</p> <p>HDCVI Camera Input 3K(2880×1620) @ 25 fps; 5MP(2592 × 1944) @ 20 fps; 4MP(2560 × 1440) @ 25/30 fps; 1080P @ 25/30 fps; 720P @ 25/30 fps</p>
<p>CVBS Input</p>	<p>PAL/NTSC</p>
<p>CVBS Output</p>	<p>1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480</p>
<p>HDMI Output</p>	<p>1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz</p>
<p>VGA Output</p>	<p>1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz</p>
<p>Video Output Mode</p>	<p>HDMI/VGA simultaneous output</p>
<p>Audio Input</p>	<p>1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ), 8-ch via coaxial cable</p>
<p>Audio Output</p>	<p>1-ch, RCA (Linear, 1 KΩ)</p>
<p>Two-Way Audio</p>	<p>1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)</p>
<p>Synchronous Playback</p>	<p>8-ch</p>
<p>Recording</p>	
<p>Video Compression</p>	<p>H.265 Pro+/H.265 Pro/H.265/H.264+/H.264</p>
<p>Encoding Resolution</p>	<p>When 1080p lite mode is not enabled: 3K lite/5 MP lite/4MP lite/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p lite mode is enabled: 3K lite/5 MP lite/4 MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF</p>

Encoding Frame Rate	<p>Main stream:</p> <p>When 1080p lite mode not enabled:</p> <p>For 3K stream access:</p> <p style="padding-left: 20px;">3K lite @12 fps; 4MP lite/1080p @15 fps; 720p/WD1/4CIF/VGA/CIF @ 20 fps</p> <p>For 5MP stream access:</p> <p style="padding-left: 20px;">5MP lite @12fps; 4MP lite/1080p @15fps; 720p/WD1/4CIF/VGA/CIF @ 20 fps</p> <p>For 4MP stream access:</p> <p style="padding-left: 20px;">4MP lite/1080p @15fps; 720p/WD1/4CIF/VGA/CIF @ 25 fps (P) /30 fps (N)</p> <p>For 1080p stream access:</p> <p style="padding-left: 20px;">1080p/720p @15 fps; VGA/WD1/4CIF/CIF @ 25fps (P) / 30 fps (N)</p> <p>For 720p stream access:</p> <p style="padding-left: 20px;">720p/VGA/WD1/4CIF/CIF @ 25fps (P)/ 30 fps (N)</p> <p>When 1080p lite mode enabled:</p> <p style="padding-left: 20px;">3K lite/5MP lite@12fps; 4MP lite@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF @ 25 fps(P) / 30 fps(N)</p> <p>Sub-stream:</p> <p style="padding-left: 20px;">WD1/4CIF @12fps; CIF@25fps (P)/30fps (N)</p>
Video Bit Rate	32 Kbps to 6 Mbps
Dual-Stream	Support main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bit Rate	64 Kbps
Decoding	
Decoding Capability	Up to 2~4-ch 1080P@30fps
Network	
Remote Connection	64
Total Bandwidth	96 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Interfaces/Ports	
SATA	1 SATA interface, up to 10 TB capacity for each disk
Serial Interface	RS-485 (half-duplex)
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Alarm In/Out	N/A (optional to support)
General	

Power Supply	12 VDC, 1.5 A
Consumption	≤ 18 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	319 × 236 × 48 mm (12.6" × 9.3" × 1.9")
Weight	≤ 1.78 kg (3.9 lb)(without HDD)

Physical Interface



No.	Description	No.	Description
1	Video in	7	Audio out, RCA connector
2	USB interface	8	LAN network interface
3	Video out	9	RS-485 interface
4	HDMI interface	10	12 VDC power input
5	VGA interface	11	GND
6	Audio out, RCA connector		