



## XVR-U1-C4/XA

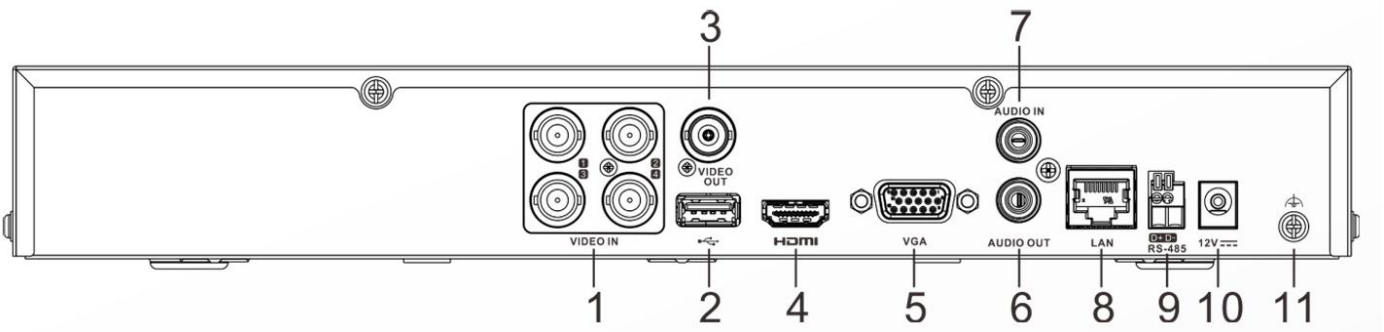
- ❖ 4 channels and 1 HDD 1U AcuSense DVR
- ❖ Support 2-ch Facial Recognition or 4-ch advanced model Perimeter Protection based on Deep Learning algorithm
- ❖ Support 4-ch AcuSearch Technology
- ❖ Encoding ability up to 4K/8MP @ 8fps(1-ch); 3K/5MP @12fps
- ❖ Up to 8 channels IP camera inputs, each channel up to 8MP
- ❖ 5 signals input adaptively (HDTV/HD/AVI/CVBS/IP)
- ❖ Support All channels Motion Detection Technology
- ❖ Support All channels HDTV Two-Way Audio Technology

Digital Video Recorder	
Model	XVR-U1-C4/XA
Product Name	4-ch 1 HDD 5 MP 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	4-ch (up to 8-ch), each up to 8 MP resolution
Analog Video Input	4-ch, BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection

Analog Cameras Supported	<p><b>HDTVI Camera Input</b></p> <p>8 MP (3840 × 2160) @ 12/15 fps,            3K (2960 x 1665) @ 25 /20 fps,            3K (3328 x 1504) @ 20 fps,            5 MP (2560 × 1944) @ 20 fps,            4 MP (2560 × 1440) @ 25/30 fps,            1080P @ 25/30 fps,            720P @ 25/30fps</p> <p><b>AHD Camera Input</b></p> <p>5 MP (2560 × 1944) @ 20 fps,            4 MP (2560 × 1440) @ 25/30 fps,            1080P @ 25/30 fps,            720P @ 25/30 fps</p> <p><b>HDCVI Camera Input</b></p> <p>8 MP (3840 × 2160) @ 12/15 fps,            3K (2880×1620) @ 25fps,            5 MP(2592 × 1944) @ 20 fps,            4 MP (2560 × 1440) @ 25/30 fps,            1080P @ 25/30 fps,            720P @ 25/30 fps</p>
CVBS Input	PAL/NTSC
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
HDMI Output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Video Output Mode	HDMI/VGA simultaneous output
Audio Input	1-ch (up to 4-ch is optional), RCA (2.0 Vp-p, 1 KΩ), 4-ch via coaxial cable
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)
Synchronous Playback	4-ch
<b>Recording</b>	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	8 MP/8MP lite/3K/5MP/4MP/3MP/1080p/720p/WD1/4CIF/VGA/CIF

Encoding Frame Rate	<p><b>Main stream:</b></p> <ul style="list-style-type: none"> <li>8 MP @ 8 fps, only available for channel 1;</li> <li>8 MP lite @15 fps, only available for channel 2 to channel 4;</li> <li>3K @ 12 fps;</li> <li>5 MP @ 12 fps;</li> <li>4 MP @ 15 fps;</li> <li>3 MP @18 fps;</li> <li>1080p/720p/WD1/4CIF/VGA/CIF @ 25 fps (P)/30 fps (N)</li> </ul> <p><b>Sub-stream:</b></p> <ul style="list-style-type: none"> <li>WD1/4CIF/CIF@25 fps (P)/30 fps (N)</li> </ul>
Video Bit Rate	32 Kbps to 10 Mbps
Dual-Stream	Support main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bit Rate	64 Kbps
<b>Decoding</b>	
Decoding Capability	Up to 2~4-ch 1080P@30fps
<b>Network</b>	
Remote Connection	32
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
<b>Interfaces/Ports</b>	
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)
<b>General</b>	
Power Supply	12 VDC, 1.5 A
Consumption	≤ 10 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	315 × 242 × 45 mm (12.4" × 9.5" × 1.8")
Weight	≤ 1.16 kg (2.6 lb)

## Physical Interface



No.	Description	No.	Description
1	Video in	7	Audio in
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		