

## UA-XVL / XVR Comparison

Model		UA-XVL1610	UA-XVR810	UA-XVL810
<b>System</b>				
OS		Embedded Linux		
No. of Drive Bay		1 SATA HDD, up to 8 TB		
Power Source		Input: AC 100 ~ 240V, 50 ~ 60 Hz Output: DC 12V, 2A, Max. 24W		
<b>Mechanical</b>				
Connector	Gigabit Ethernet	1 RJ-45 100/1000 Mbps		N/A
	Megabit Ethernet	N/A		1 RJ-45 10/100 Mbps
	Video	HDMI and VGA		
	Audio	4 in / 1 out, RCA	8 in / 1 out, RCA	4 in / 1 out, RCA
	USB	Front: USB 2.0 Port; Rear: USB 3.0 Port		
	I/O	4 in / 1 out	8 in / 1 out	N/A
LED Indicator		2 LEDs: Power, HDD		
Operating Temperature		Temperature: 0°C ~ 40°C (32°F ~ 104°F)		
Humidity		Less than 90% RH		
Dimensions (L x W x H)		300 x 208.7 x 48 mm (11.81 × 8.22 × 1.88")		
Net Weight		1.2 kg (2.64 lb)	1 kg (2.2 lb)	
Regulatory		CE, FCC, LVD, RoHS compliant	FCC and RoHS compliant	

Model		UA-XVL1610	UA-XVR810	UA-XVL810
<b>Video and Audio</b>				
Video Compression		H.264 / H.265		
Video Stream		Dual streams from H.264 / H.265		
Video Resolution	Analog Camera	5 MP / 4 MP / 1080P / 720P / 960H	8 MP / 5 MP / 4 MP / 1080P / 720P / 960H	5 MP / 4 MP / 1080P / 720P / 960
	IP Camera	5 MP / 4 MP / 1080P / 720P	4K / 5 MP / 4 MP / 1080P / 720P	5 MP / 4 MP / 1080P / 720P
Recording Frame Rate	Analog Camera	5 MP: 12 fps for each channel 4 MP: 16 fps for each channel 1080P: 15 fps for each channel 720P / D1: 25 fps (PAL) / 30 fps (NTSC) for each channel	8 MP: 7 fps for each channel 5 MP: 12 fps for each channel 4 MP: 15 fps for each channel 1080P / 720P / D1: 25 fps (PAL) / 30 fps (NTSC) for each channel	5 MP: 15 fps for each channel 4 MP: 20 fps for each channel 1080P: 18 fps for each channel 720P / D1: 25 fps (PAL) / 30 fps (NTSC) for each channel
	IP Camera	50 Hz: Max. 25 fps for each channel 60 Hz: Max. 30 fps for each channel		
Display Frame Rate	Analog Camera	5 MP: 20 fps 4 MP: 30 fps 1080P / 720P / 960H: 30 fps	8 MP: 15 fps 5 MP: 20 fps 4 MP / 1080P / 720P / 960H: 30 fps	5 MP: 20 fps 4 MP: 30 fps 1080P / 720P / 960H: 30 fps
	IP Camera	2 MP: 30 fps	4 K: 30 fps	2 MP: 30 fps
Playback Frame Rate		5 MP: 96 fps 4 MP: 128 fps 1080P: 120 fps 720P: 240 fps  *A maximum of 8 playback channels is applicable to each resolution.	8 MP: 60 fps 5 MP: 96 fps 4 MP: 120 fps 1080P: 240 fps  *A maximum of 4 playback channels is applicable for 8 MP and 8 playback channels for other resolutions.	5 MP: 90 fps 4 MP: 160 fps 1080P: 144 fps 720P: 240 fps  *A maximum of 6 playback channels is applicable for 5 MP and 8 playback channels for other resolutions.
Video Output		4K (HDMI) / 1080p (HDMI / VGA)		

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<b>Video and Audio</b>			
Display Division	1 / 4 / 9 / 16 / 20 (16 Analog + 4 IP)	1 / 4 / 9 / 12 (8 Analog + 4 IP)	1 / 4 / 9 / 12 (8 Analog + 4 IP)
Audio Compression	G.711		
Audio Support	Two-way		
<b>Operation</b>			
Max. Bandwidth	80 Mbps	72 Mbps	48 Mbps
Recording Mode	Round the clock / Motion Detection / Alarm / Schedule Recording		
Instant Playback	5 min.		
Backup Type	USB flash drive		
<b>Management</b>			
Language	<b>Local:</b> Arabic / Bulgarian / Traditional Chinese / Danish / English / German / Spanish / French / Japanese / Italian / Portuguese / Russian / Turkish / Finnish / Greek / Hebrew / Hindi / Korean / Persian / Polish / Romanian / Thai <b>Web:</b> English / German / Spanish / French / Japanese / Italian / Portuguese / Russian / Turkish		
Firmware Upgrade	Firmware upgrade through Web Browser or Utility		
<b>Network</b>			
Network Type	WAN Internet		
Protocol	DHCP, DynDNS, HTTP, NTP, ONVIF, RTSP, TCP, UDP		
<b>System Monitoring and Recovery</b>			
Power Restoration	Automatic restart after power outage		
Monitoring	Software Watchdog		
<b>Remote Monitoring</b>			
Monitoring Environment	IE, Edge, Chrome, Firefox, Safari		
Access from Web Browser	Live View, Playback, Remote Settings		

Camera Resolution	UA-XVR810	
Stream	Main Stream	Sub Stream
4 : 3	2592 x 1944	1024 x 768, 960 x 720, 640 x 480, 320 x 240
	2560 x 2048	
	2560 x 1920	
	2048 x 1536	
	2048 x 1520	
	1600 x 1200	
	1280 x 960	
	640 x 480	640 x 480, 320 x 240
	320 x 240	320 x 240
16 : 9 (Default)	3840 x 2160	1280 x 720, 640 x 360, 448 x 252
	2592 x 1520	
	2560 x 1440	
	2304 x 1296	
	1920 x 1080	
	1280 x 720	
	640 x 360	640 x 360, 448 x 252
	448 x 252	448 x 252
5 : 4	1280 x 1024	1280 x 1024, 640 x 512, 320 x 256
	640 x 512	640 x 512, 320 x 256
	320 x 256	320 x 256

Camera Resolution	UA-XVL1610 / 810	
Stream	Main Stream	Sub Stream
4 : 3	2592 x 1944	1024 x 768, 960 x 720, 640 x 480, 320 x 240
	2560 x 2048	
	2560 x 1920	
	2048 x 1536	
	2048 x 1520	
	1600 x 1200	
	1280 x 960	
	640 x 480	
	320 x 240	320 x 240
16 : 9 (Default)	2592 x 1520	1280 x 720, 640 x 360, 448 x 252
	2560 x 1440	
	2304 x 1296	
	1920 x 1080	
	1280 x 720	
	640 x 360	640 x 360, 448 x 252
	448 x 252	448 x 252
5 : 4	1280 x 1024	1280 x 1024, 640 x 512, 320 x 256
	640 x 512	640 x 512, 320 x 256
	320 x 256	320 x 256

**Note:** All specifications are subject to change without notice.