

## UA-XVR810 8CH H.265 8MP HD DVR



- Support H.265 / H.264 video formats
- 8-ch analog camera and 4-ch IP camera inputs
- Support 1-ch HDMI, 1-ch VGA, HDMI at up to 4K (3840 x 2160) resolution
- HDMI and VGA simultaneous output
- 1 SATA HDD up to 8 TB
- 8 alarms inputs and 1 alarm output
- Support P2P function for GV-Eye app
- Support ONVIF cameras

### Introduction

UA-XVR810 is a powerful H.264 / H.265 HD DVR with compact size and supports 8-channel analog camera and 4-channel IP camera inputs, totaling a connection of up to 12 channels. It converts analog signals into high-resolution digitized images up to 8 megapixels. Featuring 4-in-1 video output, UA-XVR810 supports TVI/AHD/CVI/CVBS connection.

With its Web Client on the web browser, users can access several functions, including Live View, Change Stream, Manual Alarm, Divide Screen, and more. It is also able to trigger Tampering Alarm alerts when cameras are tampered with, which can prevent criminal activities.

### Specifications

System			
Operating System		Embedded Linux	
No. of Drive Bay		1 (3.5" / 2.5" SATA HDD)	
Video			
Video Standard		NTSC, PAL	
Video Input	Analog camera	8 channels (up to 12 channels for analog cameras and IP cameras)	
	IP Camera	4 channels (up to 12 channels for IP cameras only)	
Compression		H.265 / H.264	
Signal Type		TVI / AHD / CVI / CVBS	
Recording Resolution	Analog Camera	Main Stream	8 MP at 7 fps for each channel 5 MP at 12 fps for each channel 4 MP at 15 fps for each channel 1080P / 720P / D1 at 25 fps (PAL) / 30 fps (NTSC) for each channel
		Sub Stream	PAL: 704 x 576 at 10 fps for each channel NTSC: 704 x 480 at 10 fps for each channel *The sub-stream frame rate is less than the preview frame rate. *H.264 performance is about 20% lower than H.265.
	IP Camera		50 Hz: Max. 25 fps for each channel 60 Hz: Max. 30 fps for each channel *The frame rate may vary depending on the resolution set on the IP camera.

Video		
Display Resolution	Analog Camera	8 MP at 15 fps for each channel 5 MP at 20 fps for each channel 4 MP / 1080P / 720P / 960H at 30 fps for each channel
	IP Camera	4K / 4 MP / 1080P / 720P *Single channel preview up to 4K 30 fps. *Multi-channel preview is only available in sub-stream.
Playback Resolution		8 MP at 60 fps 5 MP at 96 fps 4 MP at 120 fps 1080P at 240 fps *A maximum of 4 playback channels is applicable for 8 MP and 8 playback channels for other resolutions.
Recording Bandwidth	Input	24 ~ 72 Mbps *Default decoding performance at 4K 30 fps with 4K 1 fps increased for each analog channel decreased.
	Output	72 Mbps
Video Adjustment		Hue, Brightness, Contrast, Saturation, Sharpness
Dual Streams		Yes
Playback Function	Fast Forward	2x, 4x, 8x, 16x
	Slow Forward	1/2x, 1/4x, 1/8x, 1/16x
Audio		
Audio Input		8 RCA ports
Compression		G.711
Audio Support		Two-way
Management		
Event Management	Trigger	Schedule, Sensor Input, Alarm Output, Motion Detection
	Action	-Store Video (AVI format) -Send e-mails with captured images -Upload captured images to FTP Server -Activate relay outputs to control external devices
Remote Monitoring		IE 10 / 11 or later Safari V12.1 or later Firefox V52 or later Google Chrome V57 or later Edge V79 or later
Language	Local	Arabic / Bulgarian / Traditional Chinese / Danish / English / German / Spanish / French / Japanese / Italian / Portuguese / Russian / Turkish / Finnish / Greek / Hebrew / Hindi / Korean / Persian / Polish / Romanian / Thai
	Web	English / German / Spanish / French / Japanese / Italian / Portuguese / Russian / Turkish
Max Number of Live Streams		8
Maintenance		Firmware upgrade through Web Browser or Utility

Network		
Protocol	DHCP, DynDNS, HTTP, NTP, ONVIF, RTSP, TCP, UDP	
Security Feature	-No default ID and password -HTTPS with an SSL certificate stored within the video server -IP address filtering	
Interface		
Video Input	8 BNC ports (1.5 Vp-p, 75 Ω)	
CVBS	1 BNC (1.5 Vp-p, 75 Ω)	
Audio	8 in / 1 out, RCA	
Alarm Input / Output	8 in / 1 out	
RS485	RS485 +/-	
Ethernet	RJ45, 100/1000 Mbps	
USB	2 ports (USB 2.0 front / USB 3.0 rear)	
Monitors	BNC	1 port (704 x 576)
	VGA	1 port (1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080)
	HDMI	1 port (1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080, 2560 x 1440 (2K), 3840 x 2160 (4K))
LED	2 LEDs: Power, HDD	
General		
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)	
Humidity	0 ~ 90% RH	
Dimensions (L x W x H)	300 x 219.7 x 52.5 mm (11.81" x 8.65" x 2.07")	
Weight	1.0 kg (2.2 lb)	
Rack Mount	No	
Power	Input	AC 100 ~ 240V, 50 ~ 60 Hz
	Output	DC 12 V, 2 A, Max. 24 W
Power Consumption	11 W (excluding HDD)	
Regulatory	FCC and RoHS compliant	
Remote Viewing		
Access from Web Browser	-Live View: Audio, PTZ Setting, Color Controls, Page View, Manual Alarm -Playback: Search Recordings, Stretch, Full Screen, Tag Playback, Picture Playback, Download -Remote Setting: Channel (Live, Image control, Video Cover, Motion, Intelligent), Record (Encode, Capture), Alarm (Motion, I/O, Intelligent, PTZ Linkage), Network (IP, DDNS, FTP, Email), Device (HDD Disk /Cloud), System	
Applications		
Software Supported	GV-Control Center (V4.1.0), GV-Edge Recording Manager Windows Version (V2.2.0), GV-Recording Server (V2.1.0), GV-VMS (V17.4.5 / V18.3.1)	
Mobile Phone Support	GV-Eye for iOS and Android (V2.9.0)	

**Note:**

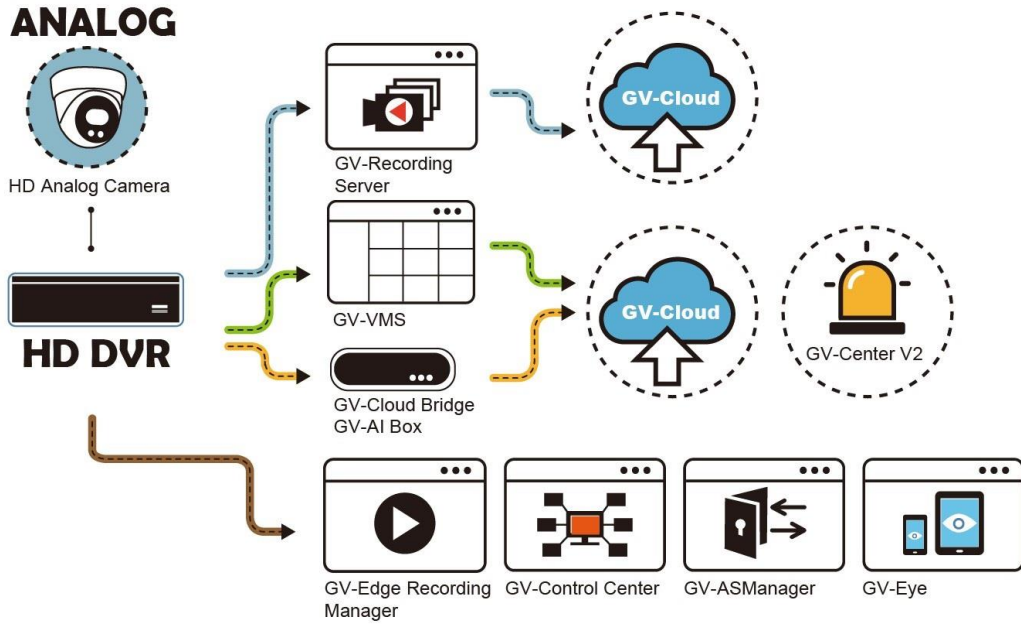
1. Fisheye dewarping is currently not supported.
2. Currently only IE supports audio playback.
3. Product design and specifications are subject to change without notice.

**Packing List**

- |                       |                                       |
|-----------------------|---------------------------------------|
| 1. UA-XVR810          | 4. USB Mouse                          |
| 2. 3.5" HDD Screw Kit | 5. Power adapter (DC 12 V, 2 A, 24 W) |
| 3. 2.5" HDD Screw Kit | 6. Download Guide                     |

### Applications

Only one software / encoder / mobile application can be connected to the DVR at a time.



### Dimensions

