

UA-SNVRL810-P 8 CH H.265 / H.264 8 MP PoE 1-Bay Standalone NVR



- H.265 / H.264 video format
- Up to 8-ch IP camera input
- 1-ch HDMI, 1-ch VGA; HDMI at up to 4K (3840 x 2160)
- HDMI and VGA simultaneous outputs
- Up to 8 MP resolution recording
- 1 SATA HDD, up to 8 TB
- One-way audio
- P2P function for GV-Eye app
- ONVIF cameras supported

Introduction

UA-SNVRL810-P is an H.264/H.265 Linux-embedded Standalone Network Video Recorder which records video files directly to the internal hard drive. UA-SNVRL810-P supports up to 8 channels of IP cameras for network surveillance. It has 8-port built-in PoE+ (IEEE 802.3at), functioning to carry network and power to connected IP cameras. Featuring with up to 4K resolution video output, UA-SNVRL810-P eliminates the need of a separate PC to view and play back video from the unit. Its USB ports allow you to connect a USB mouse and a flash drive to back up videos.

With its Web Client on the web browser, users can access several functions, including Live View, Change Stream, Manual Alarm, Divide Screen, and more.

Specifications

System		
Operating system		Embedded Linux
No. of Drive Bay		1 (3.5" / 2.5" SATA HDD)
Video and Audio		
Compression		Audio: G.711 Video: H.264 / H.265
Resolution		8 MP, 5 MP, 3 MP, 2 MP (1080P), 1.3 MP (960P), 1 MP (720P)
Decoding		
Frame Rate	Main	8 MP: 30 fps in total (1 CH max.) 5 MP: 49 fps in total (1 CH max.) 4 MP: 60 fps in total (1 CH max.) 2 MP: 120 fps in total (4 CH max.)
	Sub	720P: 30 fps in total (8 CH max.)
Playback		Max. 4-ch playback
Operation		
Max. Bandwidth	Input	76 Mbps
	Output*	32 Mbps
Playback Function		Fast forward/backward (2x, 4x, 8x, 16x) Slow forward (1/2x, 1/4x, 1/8x, 1/16x)
Event Management	Trigger	Schedule, Sensor Input, 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

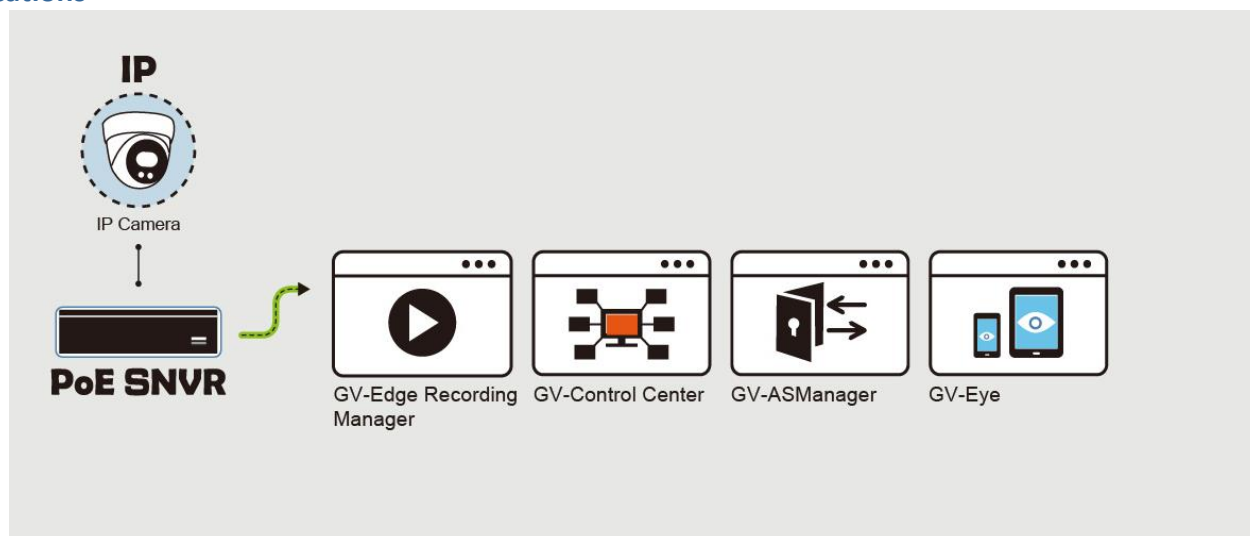
Web Monitoring		IE 10 / 11 Safari V12.1 or above Firefox V52 or above Google Chrome V57 or above Edge V79 or above
Maintenance		Firmware upgrade through Web Browser or Utility
Interface		
Monitor	VGA	1 (1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080)
	HDMI	1 (1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080, 2560 x 1440, 3840 x 2160)
Connector	Ethernet	1 port for WAN, RJ45 10/100 Mbps
	PoE	8 ports for LAN, RJ45 10/100 Mbps, PoE+ (IEEE 802.3at, Max. 30W)
	USB	USB 2.0 x 1 (front) USB 2.0 x 1 (rear)
	Line In	N/A
	Audio Out	1 RCA
	RS-485	N/A
	Alarm Input/Out	N/A
LED Indicator		2 LEDs: Power, HDD
General		
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
Mechanical Design	Dimensions (W x D x H)	300 x 215.15 x 53.65 mm (11.81" x 8.47" x 2.11")
	Net Weight	1.08 kg (2.38 lb)
Rack Mount		N/A
Electrical	Power Source	Input: AC 100 ~ 240V, 50 ~ 60 Hz Output: DC 48V, 1.5A, Max. 72W PoE: Max. 59W
	Power Consumption (excluding HDD and IP cameras)	6W
Operating Temperature/Humidity		Temperature: 0°C ~ 40°C (32°F ~ 104°F) Humidity: Less than 90% RH
Regulatory		FCC, RoHS compliant
Deep Learning Function		
Video Analytics		Pedestrian Detection & Vehicle Detection, Perimeter Intrusion Detection, Line Crossing Detection, Stationary Object Detection, Cross Counting, Heat Map, Crowd Density Monitoring, Queue Length Detection, Face Detection, Rare Sound Detection *The AI functions are only applicable when AI-capable UA-IP cameras are connected to the SNVR.
Network		
Protocol		DHCP, DynDNS, HTTP, NTP, ONVIF, RTSP, TCP, UDP, IPv4, IPv6
Remote Monitoring		
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

Live View	PC-Based Software	Max. connection subject to the total output bandwidth of UA-SNVRL810-P *A total of up to 4-channel connection is supported for one non-IE browser.
	Mobile App	Max. connection subject to the total output bandwidth of UA-SNVRL810-P
Playback	PC-Based Software	Max. connection subject to the total output bandwidth of UA-SNVRL810-P *A total of up to 4-channel connection is supported for each Web browser.
	Mobile App	Max. connection subject to the total output bandwidth of UA-SNVRL810-P
Applications		
Software Supported		GV-Control Center (V4.1.0), GV-Edge Recording Manager Windows Version (V2.2.0), GV-ASManager (coming soon)
Smart Device Access		GV-Eye for iOS and Android (V2.9.0)

Note:

1. Fisheye dewarping is currently not supported.
2. Camera connection is not supported by GV-TMEB5800.
3. Certain GV-IP cameras are not supported by the UA-SNVR. See the [technical notice](#) for details.
4. The maximum remote connection is subject to the total output bandwidth. See the maximum output bandwidth column for the specification.*
5. For system efficiency, it is recommended to use enterprise-level hard disk drives. For the supported hard disk drives, see [UA-SNVR HDD Compatibility Table](#).
6. To access live view (main and sub stream) and playback remotely using PC-based software or mobile app, make sure the local UA-SNVR exits the playback interface.
7. Specifications are subject to change without notice.

Applications



Packing List

- | | |
|-----------------------|--------------------------------------|
| 1. UA-SNVRL810-P | 5. Power Adapter (DC 48V, 1.5A, 72W) |
| 2. 3.5" HDD Screw Kit | 6. Power Cord |
| 3. 2.5" HDD Screw Kit | 7. Download Guide |
| 4. USB Mouse | |

Dimensions

