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 8 MP video resolution , 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

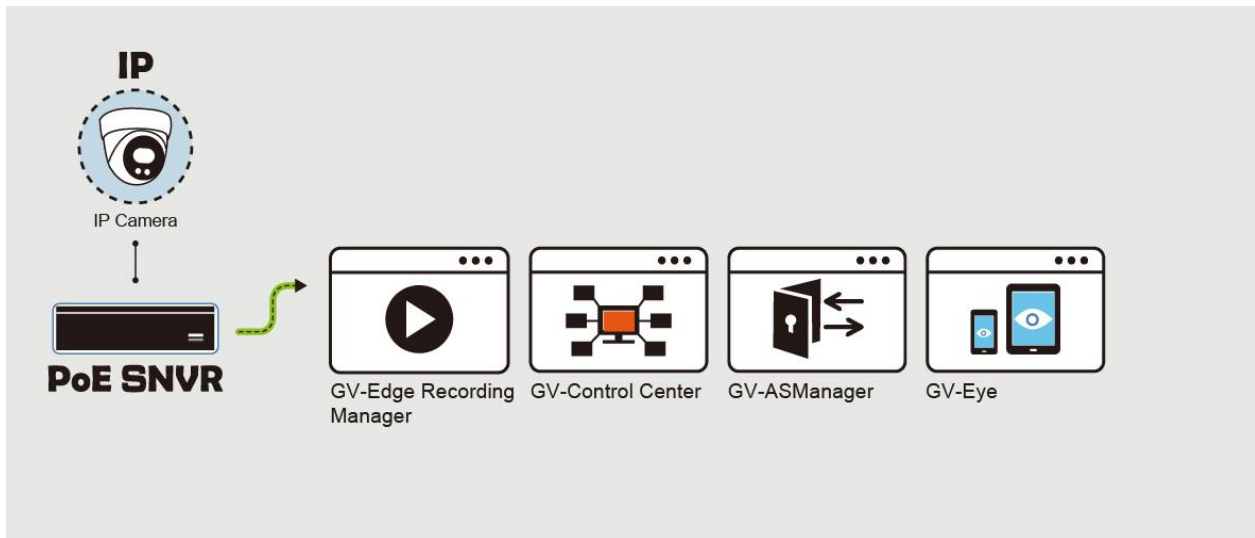| System		
Operating system		Embedded Linux
No. of Drive Bay		1 (3.5" / 2.5" SATA HDD)
Video Recording Bandwidth	Resolution	8 MP, 5 MP, 3 MP, 2 MP (1080P), 1.3 MP (960P), 1.0 MP (720P)
	Input	76 Mbps
	Output	32 Mbps
Management		
Live / Playback	Compression	Audio: G.711 Video: H.264 / H.265
	Frame Rate	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.)
	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
	Playback Function	Fast forward/backward (2x, 4x, 8x, 16x) Slow forward (1/2x, 1/4x, 1/8x, 1/16x)
	Playback	Max. 4-ch playback

Monitoring	Web	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" × 8.47" × 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

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. 8-ch connection
	Mobile App	
Playback	PC-Based Software	Max. 8-ch connection
	Mobile App	Max. 2-ch connection
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. Specifications are subject to change without notice.

Applications

Packing List

1. UA-SNVRL810-P
2. 3.5" HDD Screw Kit
3. 2.5" HDD Screw Kit
4. USB Mouse

5. Power Adapter (DC 48V, 1.5A, 72W)
6. Power Cord
7. Download Guide

Dimensions

215.15 mm
(8.47")

53.65 mm
(2.11")

300 mm (11.8")

PWR HDD