UA-SNVR1620-P 16 CH H.265 / H.264 8 MP PoE 2-Bay Standalone NVR

- Deep learning AI functions
- H.265 / H.264 video format
- Up to 16-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
- 2 SATA HDDs up to 10 TB for each HDD
- Two-way audio
- P2P function for GV-Eye app
- ONVIF cameras supported

Introduction

UA-SNVR1620-P is an H.264/H.265 Linux-embedded Standalone Network Video Recorder which records video files directly to the internal hard drives. UA-SNVR1620-P supports up to 16 channels of IP cameras for network surveillance. It has 16-port built-in PoE (IEEE 802.3af), functioning to carry network and power to connected IP cameras. Featuring with up to 8 MP resolution video output, UA-SNVR1620-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		2 (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	112 Mbps	
	Output	80 Mbps	
Management			
Live / Playback	Compression	Audio: G.711 / G.726 Video: H.264 / H.265	
	Frame Rate	8 MP: 45 fps in total 4 MP: 90 fps in total 2 MP: 180 fps in total	
	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 16-ch playback	

UI / 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)
	DHMI	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 100/1000 Mbps
	PoE	16 ports for LAN, RJ45 10/100 Mbps, PoE (IEEE 802.3af, Max. 30W)
	USB	USB 2.0 x 1 (front) USB 2.0 x 1 (rear)
	Line In	1 RCA
	Audio Out	1 RCA
	RS-485	1
	Alarm Input/Out	8 in / 1 out
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)	378 x 324.8 x 52 mm (14.88" × 12.78" × 2.05")
	Net Weight	3.34 Kg (7.36 lb)
Rack Mount		Yes
Electrical	Power Source	Input: AC 100 ~ 240V, 50 ~ 60 Hz Output: DC 48V, 3.75A, Max. 180W PoE: Max. 156W
	Power Consumption (excluding HDD and IP cameras)	8W
Operating Temperature/Humidity		Temperature: 0°C ~ 40°C (32°F ~ 104°F) Humidity: Less than 90% RH
Regulatory		CE, FCC, LVD, RoHS compliant

Deep Learning Function

AI 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 Viewing

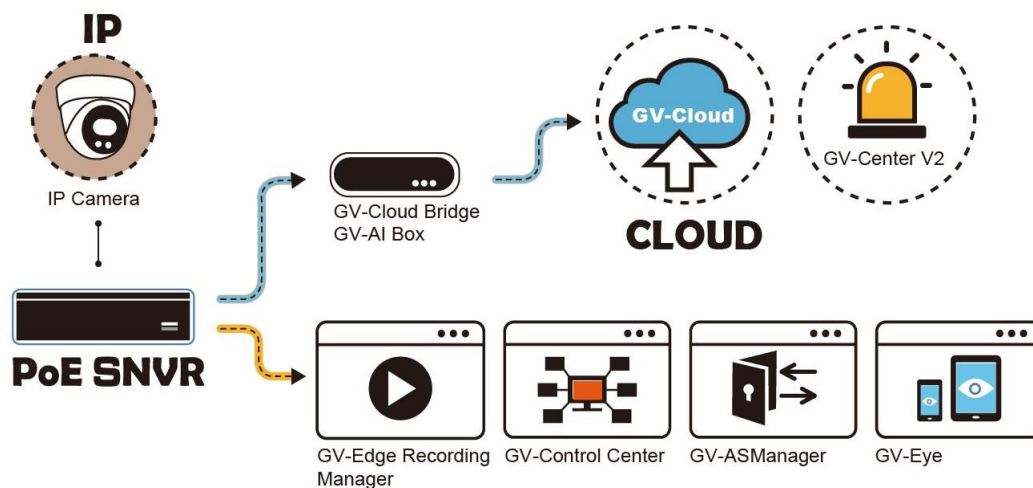| Access from Web Browser	-Live View: Audio, PTZ Setting, Color Controls, Page View, Manual Alarm -Playback: Search Recordings, Stretch, Full Screen, Tag Playback, Picture Playback, Download -Remote Setting: Channel (Live, Image control, Video Cover, Motion, Intelligent), Record (Encode, Capture), Alarm (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)
Smart Device Access	GV-Eye for iOS and Android (V2.9.0)

Note:
1. Fisheye dewarping is currently not supported.
2. Product design and specifications are subject to change without notice.

Applications

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

Packing List

1. UA-SNVR1620-P
2. 3.5" HDD Screw Kit x 2
3. 2.5" HDD Screw Kit x 2
4. Rack Mount x 2
5. Screw for Rack Mount x 2
6. USB Mouse
7. Power Adapter (DC 48V, 3.75A, 180W)
8. Power Cord
9. Download Guide

Dimensions