

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



- Realtime AI Face Recognition (search, tracking, attendance and repeated recognition request)
- 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
- 8 alarms input and 1 alarm output
- 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. Featuring with up to 8 MP video resolution, UA-SNVR1620-P eliminates the need of a separate PC to view and play back video from the unit.

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

UA-SNVR1620-P integrates the capacity of AI-capable UA-IP cameras and provides various video analytics functions for perimeter protection. With the Face Recognition functions, users can access the database for face search, face tracking on E-Map, repeat visitor request, and face attendance request to enhance the convenience and security of the surveillance environment.

### 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	96 Mbps		
Management				
Live / Playback	Compression	Audio: G.711 Video: H.264 / H.265		
	Frame Rate	8 MP: 45 fps in total (3 CH max.) 5 MP: 70 fps in total (4 CH max.) 4 MP: 90 fps in total (4 CH max.) 2 MP: 180 fps in total (12 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. 16-ch playback			

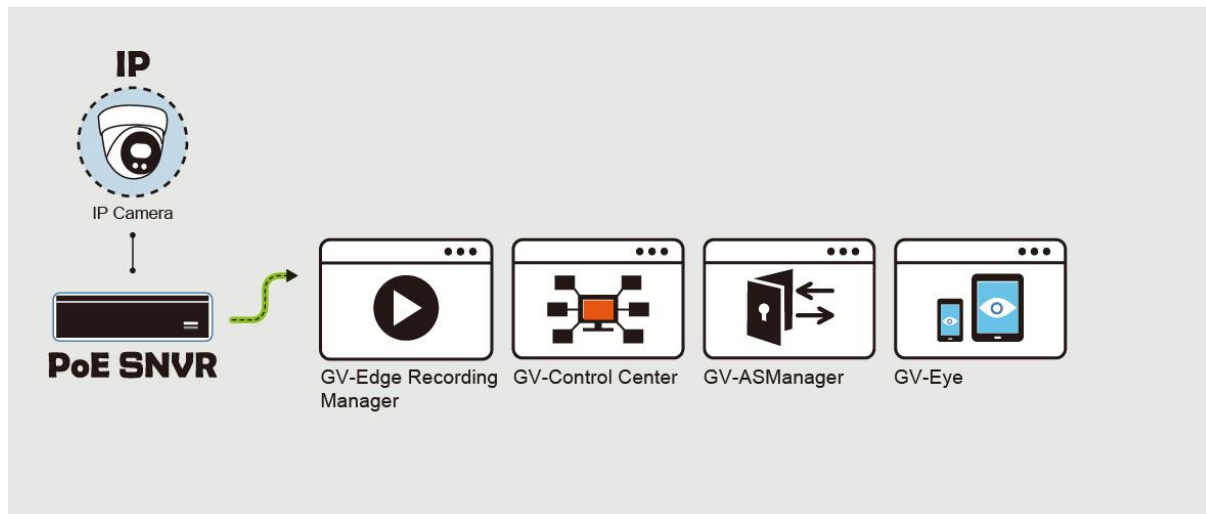
Monitoring	Web	IE 10 / 11 Safari V12.1 or above Firefox V52 or above Google Chrome V57 or above Edge V79 or above
Maintenance		Firmware upgrade through Web Browser or Utility
<b>Interface</b>		
Monitor	VGA	1 (1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080)
	HDMI	1 (1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080, 2560 x 1440, 3840 x 2160)
Connector	Ethernet	1 port for WAN, RJ45 100/1000 Mbps
	PoE	16 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	1 RCA
	Audio Out	1 RCA
	RS-485	1
	Alarm Input/Out	8 in / 1 out
LED Indicator		2 LEDs: Power, HDD
<b>General</b>		
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" x 12.78" x 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
<b>AI Integrated Function</b>		
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 video analytics functions are only applicable when AI-capable UA-IP cameras are connected to the SNVR.
Face Recognition		Face Search, Face Tracking on E-Map, Repeat Visitor Request, Face Attendance Request *Face Recognition function is only applicable when AI-capable UA-IP cameras (firmware V1.01 or later) are connected to the SNVR.
<b>Network</b>		
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. 16-ch connection
	Mobile App	
Playback	PC-Based Software	Max. 16-ch connection
	Mobile App	Max. 2-ch connection
Application		
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-SNVR1620-P            | 6. USB Mouse                           |
| 2. 3.5" HDD Screw Kit x 2   | 7. Power Adapter (DC 48V, 3.75A, 180W) |
| 3. 2.5" HDD Screw Kit x 2   | 8. Power Cord                          |
| 4. Rack Mount x 2           | 9. Download Guide                      |
| 5. Screw for Rack Mount x 2 |  |

### Dimensions

