

UA-SNVR1620-P 16 CH H.265 / H.264 4K PoE 2-Bay Standalone NVR



- 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 4K 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 drive, supporting up to 16 channels of IP cameras for network surveillance. UA-SNVR1620-P has 16-port built-in PoE (IEEE 802.3af), functioning to carry network and power to IP cameras. Featuring with up to 4K 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.

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 Simultaneous 16-ch live view and 4-ch playback		
Performance				
Live / Playback	Compression	Audio: G.711 / G.726 Video: H.264 / H.265		
	Frame Rate	4K: 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	<ul style="list-style-type: none"> ● 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		

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" 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
Network		
Protocol		DHCP, DynDNS, HTTP, NTP, ONVIF, RTSP, TCP, UDP
Remote Viewing		
Maintenance		Firmware upgrade through Web Browser or Utility
Smart Device Access		GV-Eye for iOS and Android
Access from Web Browser		Live View, Change Stream, Manual Alarm, AI Alarm, Divide Screen, Play, Stop, Original Proportions, Stretch, Full Screen, Record, Capture, Digital Zoom, Audio, Voice Intercom, [PTZ Setting, Light Warning, Add Tag (need IP camera supports)]
Software 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)
Browser Viewing		IE, Edge, Chrome, Firefox, Safari

Note:

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

Packing List

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| 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

