



NVR IP RECORDER

GGM NVR021616P



Support 16 cameras
2 HDD Slots
16 PoE ports



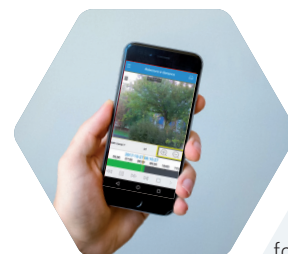
GIGAMEDIA recorders provide you with an excellent price-performance ratio for your video surveillance installations.

The NVR021616P is a dedicated recorder for medium-sized video surveillance solutions. Its 16 PoE ports allow direct power to the cameras.

- ▶ It has two slots that can accommodate hard drives with a maximum capacity of 10TB each.
- ▶ It can be installed in a 19-inch computer rack.
- ▶ It accepts cameras up to 4K resolution.
- ▶ It has 16 dry contact inputs for alarm recordings.
- ▶ It integrates many Intelligent Analytics features for proactive monitoring.

UPNP and P2P features allow for easy remote access configuration.

This product will be perfectly suited to the security of your project resources (Companies, Public Buildings, Shops, etc.)



The mobile application **GGM VIEW** for tablet and smartphone

is available for free to have remote view on your cameras.



HARDWARE

OS :	Embedded Linux
CPU :	ARM processor
Flash :	NAND 128 MB
RAM :	2x4 Gb

LIVE VIEW AND DECODING CAPACITIES

Display live view :	1x1 ; 2x2 ; 3x3 ; 3x4 ; 4x4 ; 1+5 ; 1+7 ; 2+8 ; 1+9 ; 1+12 ; 4+9 ; 1+1+12
Number of camera supported :	16
Graphics interface :	HDMI x 1 VGA x 1
Resolution :	1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080 , 2560x1440, 3840x2160
Camera grid :	Change the view cell camera on live view screen
Dewarp fisheye :	Use WEB CMS, device does not support
Stream :	Main stream / Sub stream
PTZ functions :	Control direction, Home, iris, Preset, Cruise, Patrol
Display enhancement :	OSD NVR, OSD Camera, Camera information, I/O Remote control, Event notification

VIDEO

Video Format :	H.264 / H.264+ / H.265 / H.265+ / MJPEG
Decoding resolution :	8 MP, 5 MP, 3 MP, 2 MP (1080P), 1.3 MP (960P), 1.0 MP (720P)
Decoding capacity :	4 K : 45 fps 4 MP : 90 fps 2 MP : 180 fps
Spot function :	No
Audio :	1 Output jack 3,5 mm
Audio Format :	G.711A ; G.711U
Audio Input /output :	3,5 mm Audio Jack output 3,5 mm Audio input

RECORDING

Recording time :	Pre-recording: 10 s Post recording: 30 s, 1, 2, 5 min
Recording stream :	Main stream / Sub stream
Continous recording :	112 Mbps
Recording type :	Continuous / Manual / Schedule / Motion detection / Sensor Triggered / Intelligents

STORAGE AND BACKUP

Number of HDD :	2
HDD capacity :	10 Tb each
RAID :	No

HDD management :	Create, Format , Overwrite, Remove HDD, HDD Smart
Manual backup :	USB dongle, CD/DVR driver
Scheduled backup :	FTP, Cloud, Drop box

PLAYBACK

Playback display :	4/9/12/16 channel simultaneously : multiple display 1 x 1
Playback control :	Play, Stop, Pause, Next frame, Speed control, Schedule, Sacle
Video search :	Alarm, Event, Picture, Schedule, Date/Time, Intelligent
Snapshot :	.jpg / .jpeg
Export video clip :	.AVI / .RF / .MP4

NETWORK

Network Interface :	RJ-45 port (100/1000 Mbps)
Number of POE port :	16
Number of WAN port :	1
Bandwidth :	112 Mbps
Protocols :	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP

INTERFACES

USB :	2 x USB 2.0
Number of Digital input :	8
Number of Digital output :	1
RS485 :	Yes

SYSTEM

POS Integration :	NA
UPS integration :	NA
Camera integration :	Onvif V2.6 profile S/T/G
Event :	Motion detection, Alarm input, Network failure, Occlusion detection, Intelligents
Action :	Recording, Email, FTP, buzzer, Cloud notification,
User management :	Administrator, Standard user
Log :	System, Recording, User, Error
Date and Time :	Time zone, Manual, Automatic synch, Daylight saving time
Language :	EN/FR/PT/ES/SW ...

ANALYTICS

Intelligent :	Face Recognition, Human & Vehicle Detection, Perimeter Intrusion Detection, Line Crossing Detection, Stationary Object Detection, Crossing Counting, Heat Map, Crowd Density Detection, Queue Length Detection, License Plate Detection
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CLIENT

Software :	VMS pro
App :	GGM VIEW
Web browser :	IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above

INSTALLATION

rack mountable :	Yes, already included
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GENERAL INFORMATION

Power supply :	DC 48 V / 3.75 A
Dimension :	380 x 340 x 51 mm
Weight (kg) :	3 kg
Consumption :	8 W
Working temperature :	-10 °C - +50 °C
Working humidity :	0-90 %



PART NUMBER	DESCRIPTION
GGM NVR021616P	NVR 16 Channel 16 POE 2 HDD Resolution 4K