



NVR IP RECORDER

GGM NVR043216P



Support 32 cameras
4 HDD Slots
16 PoE ports



GIGAMEDIA recorders provide excellent value for money for your security installation.

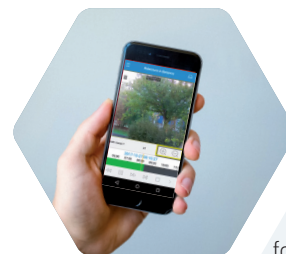
The NVR043216P is dedicated for medium project size. It integrates 16 ports to power your camera directly from it.

- ▶ It supports up to 32 cameras.
- ▶ It integrates 4 free HDD slots to connect hard drive with maximum capacity of 10 Tb.
- ▶ You can connect cameras up to 4K resolution.
- ▶ It embeds 16 alarm inputs to trigger recording on alarm and 1 alarm output.
- ▶ It also supports many AI functions linked with cameras for pro-active surveillance.
- ▶ The bandwidth of 256 Mbps is able to manage all video streams.
- ▶ Smart function is included to manage hard drives.
- ▶ It integrates 2 HDMI and 1 VGA port.

Onvif compliant (version 2.6 Profile S/T/G), it can accept other brand of camera*
UPNP and P2P protocols help you to configure the remote access easily.

This product is suitable for retail, schools, public buildings, companies...

* need integration test to validate



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 :	4x4 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 :	32
Graphics interface :	HDMI x 2 VGA x 1
Resolution :	1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080 , 2560x1440, 3840x2160
Camera grid :	Change the view cell camera on live view screen
Dewarp fisheye :	10, VR, 3D Cylinder, 2PTZ, 4PTZ, 180 Panorama, 360 Panorama, 360 Panorama + 1/3/6/8PTZ, Fisheye + 3/8PTZ
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 (1080 P), 1.3 MP (960 P), 1.0 MP (720 P)
Decoding capacity :	4 K : 60 fps 4 MP : 120 fps 2 MP : 240 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 :	256 Mbps
Recording type :	Continuous / Manual / Schedule / Motion detection / Sensor Triggered / Intelligents

STORAGE AND BACKUP

Number of HDD :	4
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 :	256 Mbps
Protocols :	TCP / IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP

INTERFACES

USB :	1 x USB 3.0 for backup/upgrade, 2 x 2.0 USB for mouse
Number of Digital input :	16
Number of Digital output :	1
RS485 :	Yes

SYSTEM

POS Integration :	Optional
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, using accessories
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GENERAL INFORMATION

Power supply :	110~240 V AC
Dimension :	378 x 325.8 x 66 mm
Weight (kg) :	2.5 kg
Consumption (W) :	15 W
Working temperature :	-10 °C - +50 °C
Working humidity :	0-90 %



PART NUMBER	DESCRIPTION
GGM NVR043216P	NVR 32 Channel 16 PoE 4 HDD free slots