



NVR IP RECORDER

GGM NVA321604MR



Advanced range

A stable and efficient solution, this NVR will bring you satisfaction for the security of your shops, schools, companies...

FEATURES

Software : 1.4.13

SYSTEM

OS : Embedded Linux

VIDEO

IP Video Input : 32CH IPC input

Network Bandwidth : 320Mbps/256Mbps (incoming/outgoing)
*When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.

Image Size : 16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/ 720P/960H/D1/CIF

Output : 4 CH

Multi Screen display : Main output: 1/4/6/8/9/13/16/25/32/36 (live view)
AUX output: 1/4/6/8/9 (live view)
Max. 32+9CH local live view

Compression : G.711(U/A)

Network input : 32 CH IPC audio input

AUDIO

Local input : RCA × 1

Local output : RCA × 1

HDMI Audio Output : /

RECORDING

Resolution :	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/720P/960H/D1/CIF
Frame rate :	NTSC: 30ips; PAL: 25ips

PLAYBACK

Simultaneous playback :	Max 16CH
Search :	Time slice / time / event / tag / smart search
Smart Search :	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
Function :	Play, pause, FF, FB, digital zoom, etc.

DECODING CAPABILITY

Live View /Playback :	Non-AI Mode: 1×16MP@30fps/4×6MP@30fps/9×2MP@30fps/16×720P@30fps AI Mode: 1×16MP@30fps/4×5MP@30fps/9×2MP@30fps/16×720P@30fps
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ALARM

Mode :	Manual, sensor, motion, exception, smart events, etc.
Input :	16 CH local alarm input
Triggering :	Record, snap, preset, e-mail, etc.

FACE

Face Detection Performance (AI by IPC) :	32 CA
Face Detection performance (AI by device) :	2 CH (2MP)
Face Match Performance :	6 CH
Comparison capability :	18 pictures / second
Face Picture database :	32 libraries 10000 Face Pictures
Face Picture search :	Search by picture is supported
Database management :	Add, modify, delete and search face pictures
Face picture adding :	Add face pictures through APP, WEB and external import
Face picture comparison :	Support successful face recognition alarm and stranger match alarm
Track :	Track display on a map
Statistical Graph of information :	Bar graph
Statistical Mode of Information :	Statistics by day, week, month, quarter as well as customized time period

PERIMETER PROTECTION

Human/Vehicle Classification (AI by IPC) :	32 CA
Human/Vehicle Classification (AI by device) :	2CH (2MP)

VIDEO METADATA

Human/Vehicle Analysis (AI by IPC) :	Yes
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OTHER FUNCTIONS

Fisheye :	Supports fisheye dewarping via NVR/Web Client/mobile APP
Plate recognition (AI by IPC) :	1

NETWORK

Interface :	RJ 45 1000 Mbps × 2
Protocols :	TCP / IP, HTTP, HTTPS, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
Incomin/outgoing Bandwidth :	320Mbps/256Mbps (incoming/outgoing) *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.
Client Connexion :	Max. 128 users access

MOBILE DEVICE

OS :	iOS, Android
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STORAGE

HDD interface :	SATA × 4, max 10T for each HDD
RAID Type :	/
E-SATA interface :	1

POE

Poe Ports :	RJ 45 100Mbps × 16
Standards :	IEEE802.3AF/AT
Output power :	≤150W

PORT

USB :	USB 3.0 × 1 ; USB 2.0 × 2
RS485 :	Yes (full-duplex), connect to PTZ or keyboard
RS232 :	Non
Reset :	Non
Remote controller :	Optional

OTHERS

Power :	ATX 300W(PoE)
Power consumption :	≤20W (without HDD and PoE power supply)
Dimension :	440 × 390 × 70(L×P×H)
Certificate :	CE, FCC
Environmental protection :	Complies with Directive EU RoHS, REACH and WEEE
Operating Temperature :	-10~50 °C, 10%~90% humidity

PART-NUMBER

PART-NUMBER	DESCRIPTION
GGM NVA321604MR	Advanced NVR 32 channels 16 PoE 4 HDD slot. AI by IPC or NVR

RELATED PRODUCTS

PART-NUMBER	DESCRIPTION
GGM HDD1TPUR	High speed Purple hard disk, 1Tb high availability
GGM HDD2TPUR	High speed Purple hard disk, 2 Tb high availability
GGM HDD3TPUR	High speed Purple hard disk, 3 Tb high availability
GGM HDD4TPUR	High speed Purple hard disk, 4 Tb high availability
GGM HDD6TPUR	High speed Purple hard disk, 6 Tb high availability
GGM HDD8TPUR	High speed Purple hard disk, 8Tb high availability
GGM HDD10TPUR	High speed Purple hard disk, 10Tb high availability

DIMENSIONS

