



## GE-VM2000H-G1

VMS - Video Management System Storage

12MP



### Features

- Stability: Linux OS, dual-BIOS, redundant power, two-server hot standby
- Compatibility: Third-party IP Cameras supported with standard ONVIF
- Access: Browser/Server, Client/Server and mobile clients (both iOS and Android)
- Connection: 1000 device connections, up to 2000 channels of high-definition network videos
- Management: Unified management of NVR, IPC, decoder, network keyboard, cloud devices, alarm control panel and door access control, support devices' configuration import/export Storage: Max 16 hard disks and 2 disk enclosures; expandable up to 48 disks with 384TB storage, recording backup, IPSAN storage
- Decoding: Max 16×1080P decoding outputs in three screens, expandable up to 112×1080P in 15 screens with 2 decoding cards inserted
- Service: Live view, playback, sequence, video wall, E-map, two-way audio, and alarm plan
- VCA: Support of receiving VCA alarms, configuring alarm-linkage operations, and displaying people counting statistics in reports
- Reliability: Support of HTTPS, 802.1x authentication, ARP protection, Telnet enabling/disabling, network fault tolerance, multi-IP configuration, load balancing, secure password and IP address filtering

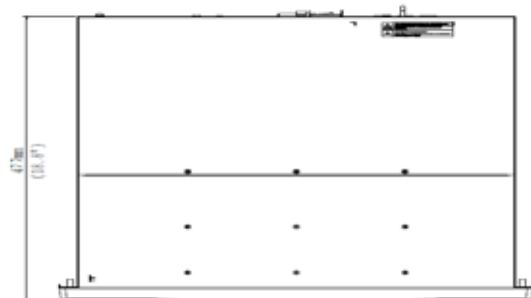
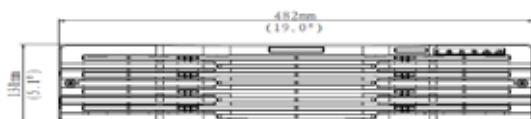


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|---------------------|-------------------------------|---------------------------------|
| (1) Grounding       | (2) 1000M SFP interface       | (3) 1000M Ethernet interface    |
| (4) RS-485/422      | (5) RS232                     | (6) USB3.0                      |
| (7) eSATA           | (8) Audio Input               | (9) HDMI Output                 |
| (10) Audio Output   | (11) VGA Output               | (12) miniSAS                    |
| (13) Power Button   | (14) RST                      | (15) Alarm Input                |
| (16) Alarm Output   | (17) 12V DC Output            | (18) Decoding Card 1 (optional) |
| (19) Power Supply 1 | (20) Power Supply 2(optional) | (21) Decoding Card 2 (optional) |

### Dimension (unit:mm)

### Weight

10KG (without HDD)



### Specifications

Video Management	GE-VM2000H-G1
Number of connected cameras per server	GI Device: 1000 devices or 2000 channels ONVIF Device: 200 devices
Device management	IPC, NVR, decoder(standard/expanded), network keyboard, cloud devices, alarm control panel and door access control
Numbers of online users	300
Numbers of roles per user	16
Bandwidth of video input per server	512Mbps
Bandwidth of video output per server	384Mbps
Decoding	
Video compression	Ultra265, H.265, H.264
Decoding	4×4K@30, 16×1080p@30, 36×720p@30, 64×D1
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF
Display on video wall	HDMI(×2) and VGA(×1) output; HDMI output supports 4K resolution
Audio compression	G.711A, G.711μ
Decoding card (optional)	Max 2 cards supported; models: HDMI4-C and HDMI6-C
HDMI4-C decoding card	4-ch HDMI outputs, with decoding of 4*4K@60 or 8*4K@30 or 32*1080P@30 or 64*720P@30
HDMI6-C decoding card	6-ch HDMI outputs, with decoding of 6*4K@60 or 12*4K@30 or 48*1080P@30 or 96*720P@30
Storage	
HDD installation	Hot-swappable HDDs Support 16HDDs (3.5", up to 8TB for each )
RAID mode	RAID0, RAID1, RAID5, RAID6, RAID10, RAID50, RAID60
Bandwidth of video storage per server	512Mbps
Disk enclosure (optional)	Max 2 disk enclosures supported; models: DEU1008 and DEU1016
GI-A108U3 disk enclosure	8×SATA interfaces, up to 8TB storage per interface
GI-A116U3 disk enclosure	16×SATA interfaces, up to 8TB storage per interface
Playback	
Play control	1 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 window display Corridor format Up to 3 auxiliary monitors
Playback	Play NVR recordings Up to 24 channels for multiple clients; synchronous playback up to 16 channels for single client
System	
Main Processor	Intel(R) CPU
Memory	4GB DDR3
Power supply	100-240 VAC (with power on/off switch) Dual-power redundancy
Interface	
Network	4×10M/100M/1000M Base-T adaptive Ethernet interfaces 2×1000M SFP optical interfaces
USB	4×USB3.0
HDMI	2×HDMI
VGA	1×VGA
Serial	1×RS-232 (RJ45), 1×RS-485 (RJ45)
Alarm input/output	24×alarm inputs, 8×alarm outputs
Power output	12 V DC
Audio alarm	Buzzer
Expansion	1×eSATA interface 2×miniSAS interfaces 2×decoding cards
General	
Power consumption	≤ 50W (not including HDD) ≤ 165W (including HDD)
Operating temperature	-10°C to 55°C (14°F to 131°F)
Operating humidity	10% to 90% (noncondensing)
Weight	≤ 10.0 Kg
Dimensions	Height: 3U, support mounting in standard 19" cabinet
(D×W×H)	477.1 mm × 481.6 mm × 130.5 mm (18.8"×19"×5.1") (including front panel)

(\*) Design and specifications are subject to change for product improvements without prior notice.

