

Global-King Enterprise VMS

Enterprise VMS Server



Feature

Model : GK1608VE-A1

Feature

- Compliant with NDAA standards
- Up to 128CH Connectivity
- Pre-loaded with VMS Server & Client
- Central Management for Single Site & Multiple Sites
- High Scalability
- Up to 16*20TB Storage
- Ready-to-go Design for Easy Installation
- RAID 0/1/5/6/10/50/60 & Redundant Power Supply



Specification

Products Specification

Model	GK1608VE-A1
Included Camera Access License	128 Channel
Recording Schedule	128 Channel
Incoming Bandwidth	1920Mbps
Outgoing Bandwidth	1920Mbps
Video Format	H.265 H.264 MJPEG
Decoding Resolution	Up to 12 MP
Decoding Capability	6CH : 12MP (4000x3000)@20fps 6CH : 8MP (3840x2160)@30fps 39CH : 2MP (1920x1080)@30fps 52CH : 720P (1280x720)@30fps 64CH : D1 (704x576)@30fps
Event and Alarm Rules	1000
Concurrent Accesses via Clients	300
Users	1000
Roles	100
Local Viewing	Support
Main Processor	Intel Core 12 th i7
Memory	2x8GB DDR4
Network Interface	2x1000Mbps RJ-45 ports 1x2.5Gbps RJ-45 ports
Operating System	Microsoft Windows 10 IoT Enterprise 64bit
GPU Options	Integrated GPU
Auto Power On	Support
HDD Drives (Video Data)	16xSATA (3.5" or 2.5") Support hot-plug
SSD Drive (Operating System)	2xM.2 SSD(1x250GB Pre-installed)

RAM	4xDDR4 Slot (2x8GB Pre-installed, up to 4x32GB) Support Dual-Channel Mode
Capacity	Up to 20TB capacity for each disk
RAID	Support RAID 0 /1 /5 /6 /10 /50 /60
LAN	1x2.5Gbps LAN 2x1000Mbps
Display	2xHDMI Port 1xDP Port Support independent and synchronous display
Audio	3xAudio Jacks
USB Interface	Front panel: 2xUSB 2.0 Rear panel: 2xUSB 2.0 / 2xUSB 3.0
Power Supply	AC100-240V /50-60Hz redundant power supply
Chassis	3U
Consumption	≤75W (without HDD)
Working Temperature	0°C~50°C (32°F~122°F)
Working Humidity	10%~90% RH (no freezing and no condensation)
Dimensions	480(W) x 675(D) x 133.5(H) 3.0U Standard rack mount chassis
Weight	17kg (without rail) 19kg (with rail)
Certification	CE FCC NDAA

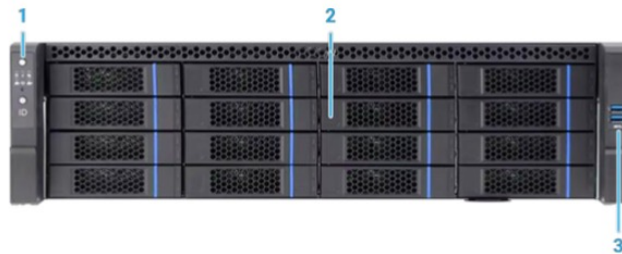
Information correct as of print.

Slight specification variations may occur due to product enhancement to optimize functionality

Order Model

Product order model

Model	Product name	Specification
GK1608VE-A1	128CH Enterprise VMS Server	12MP 16xHDD 2xSSD GPU WIN/64bit

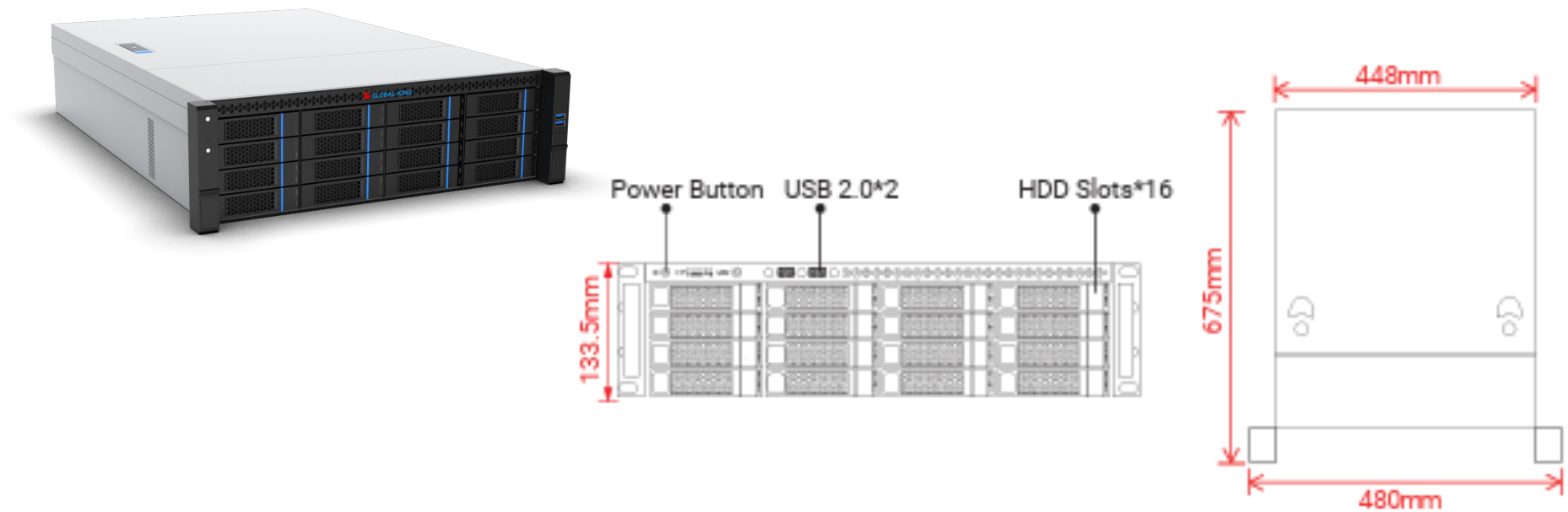


- 1. Power Button
- 2. Disk Slots
- 3. 2*USB 3.0



- 4. 2*Power Port
- 5. Display Port
- 6. 2*HDMI Port
- 7. PS/2 Port
- 8. 2*USB 2.0
- 9. 2*USB 3.2 Gen2
- 10. 2*USB 2.0
- 11. LAN Port 2.5G
- 12. Audio
- 13. 2*LAN Port 1000M

| Dimension



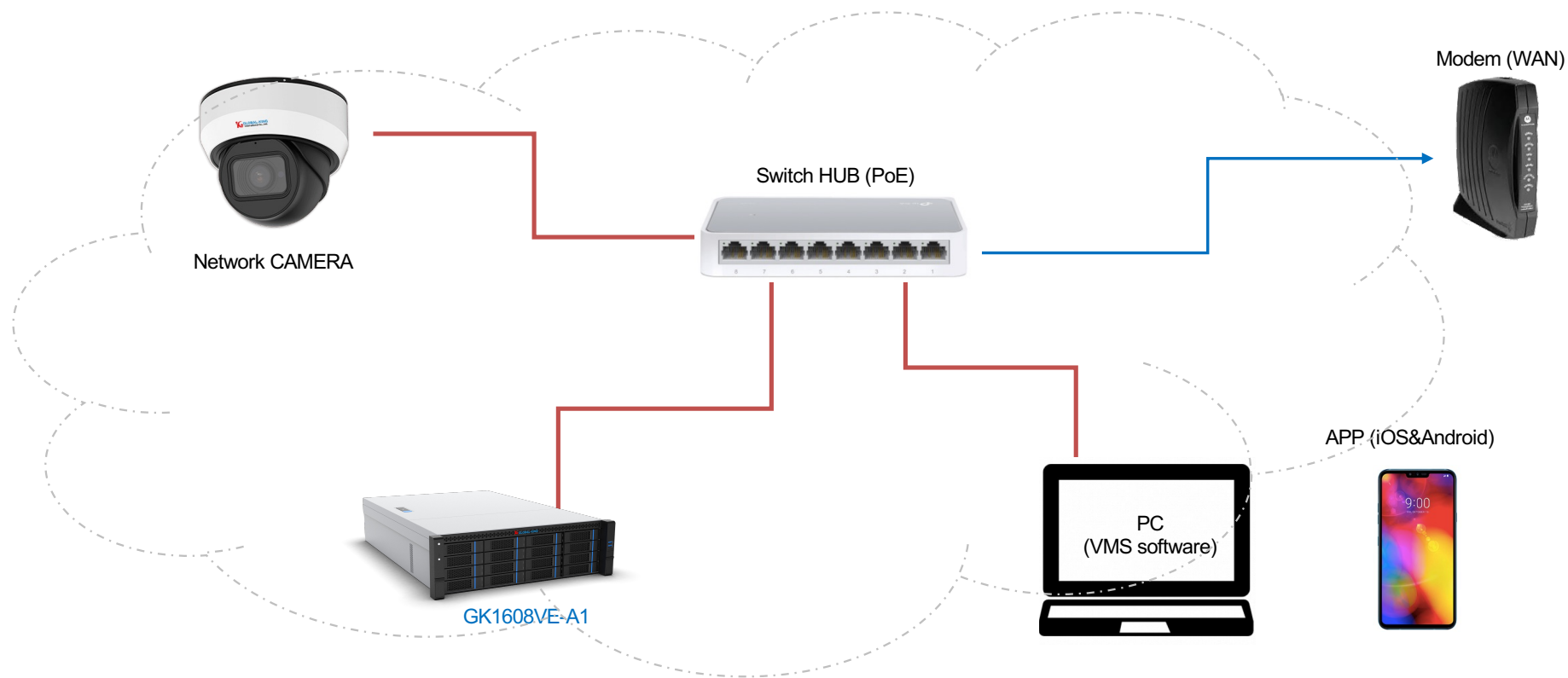
Enterprise VMS Server | Dimensions

Architecture diagram

Enterprise VMS Server | Infrastructure

- Enterprise VMS Server (GK1608VE-A1)
- Switch HUB (POE)
- PC (VMS Client software)
- APP (iOS & Android)
- ISP modems

Infrastructure



Enterprise VMS Server | Infrastructure



Thank You

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