

KDM2802A-G2

High-capacity VMS - Video Management System



Features

High-performance, High-capacity

- Up to 5000 channel per unit
- Max. 640Mbps incoming bandwidth
- Max. 640Mbps output bandwidth
- Up to 300 users access simultaneously
- 8-level cascade
- 32 devices stack per level

High reliability

- Embedded Linux
- Supports Packet Loss Recovery (PLR)
- Redundant Power Supply
- N+1 Hot Backup

Abundant functions and features

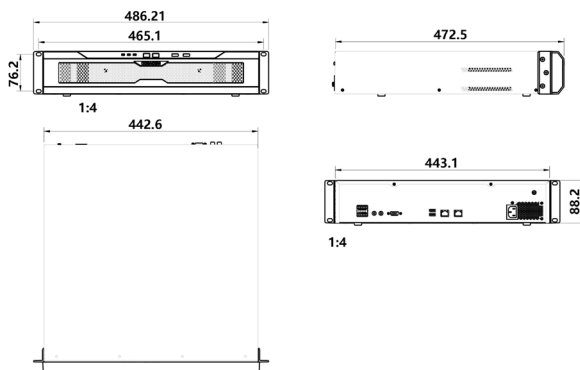
- E-Map, TV-Wall supported
- Bi-directional audio
- NAT, Socks5
- Alarm management
- Free Client (CU client)

Specifications

	KDM2802A-G2
Capacity	
Access	5000 Channel
Stack	32 devices per level, up to 15000 Channel
Cascade	8-level, up to 50000 Channel
Incoming Bandwidth	Max. 640Mbps
Output Bandwidth	Max. 640Mbps
Live Viewing	
Multi Screen Display	Up to 64 multi-window
E-Map	Live Viewing in E-Map
Function	E-PTZ / Scheme / Polling / TV-Wall (optional with decoder)
Recording	
Mode	Manual / Continuous / Schedule / Event (Pre / Post)
Event Trigger	Alarm input / Video lost / Motion Detection
Search & Playback	
Search Mode	Date and time (Calendar) / Event
Playback Mode	Single Playback / Multi Playback / Synchronize Playback
Function	Slow forward / Fast forward / Loop / Single Frame / E-PTZ
Storage	
External	IPSAN (iSCSI), up to 31 x IPSAN
Video	
Compression	H.265 / H.264 / MPEG4
Image Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Frame Rate	1 ~ 30fps
Bitrate	64kbps ~ 8Mbps
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / AAC-LC
Bitrate	32kbps ~ 64kbps
Alarm	
Alarm Triggers	Alarm input / Video lost / Motion Detection / Disk alarm
Alarm Events	Snapshot / Recording / PTZ preset / Alarm out / Buzzer / Link to Client / Alarm caption
System	
Operating System	Embedded Linux
User Management	Super admin / Admin / User
Log Management	User login / User operation / Device / Alarm / Backup
Network	
Network Protocols	SIP, TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, FTP, SMTP, VSIP
Viewer Software	CU Client
Max. User Access	300 Users
Protocols	ONVIF, GB/T 28181-2011
Application Programming	CU SDK
Function	NAT / Socks5 / Multiple network access / Packet loss recovery
Hot Backup	N+1
Interfaces	
Ethernet	3 x Gigabit network port, RJ45 interface
USB	4 x USB2.0
Control	1 x RS485
Video Out	1 x VGA, for debug only
Internal	2 x USB2.0, for USB license dongle
Environmental	
Operating Temperature	0°C ~ 55°C / 32°F ~ 131°F
Operating Humidity	10% ~ 90%
Electrical	
Power	100 ~ 240V AC, 50 ~ 60Hz
Power Consumption	Redundant Power Supply Max. 80W
Mechanical	
Weight	15kg / 33.07lb (Gross Weight)
Dimensions	443 x 461 x 88mm / 17.44" x 18.15" x 3.46"

Dimensions

Units:mm



KDM2801H-G2

VMS - Video Management System



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Abundant functions and features

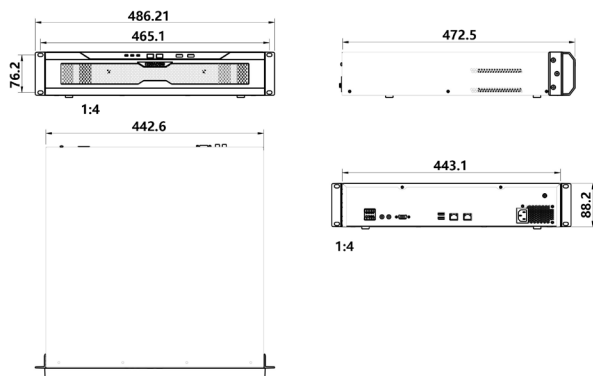
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- Bi-directional audio
- NAT, Socks5
- Alarm management
- Free Client (CU client)

Specifications

KDM2801H-G2	
Capacity	
Access	1000 Channel
Stack	32 devices per level, up to 3000 Channel
Cascade	8-level, up to 20000 Channel
Incoming Bandwidth	Max. 640Mbps
Output Bandwidth	Max. 640Mbps
Live Viewing	
Multi Screen Display	up to 64 multi-window
E-Map	Live Viewing in E-Map
Function	E-PTZ / Scheme / Polling / TV-Wall (optional with decoder)
Recording	
Mode	Manual / Continuous / Schedule / Event (Pre / Post)
Event Trigger	Alarm input / Video lost / Motion Detection
Search & Playback	
Search Mode	Date and time (Calendar) / Event
Playback Mode	Single Playback / Multi Playback / Synchronize Playback
Function	Slow forward / Fast forward / Loop / Single Frame / E-PTZ
Storage	
External	IPSAN (iSCSI), up to 31 x IPSAN
Video	
Compression	H.265 / H.264 / MPEG4
Image Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
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Log Management	User login / User operation / Device / Alarm / Backup
Network	
Network Protocols	SIP, TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, FTP, SNMP, VSIP
Viewer Software	CU Client
Max. User Access	300 Users
Protocols	ONVIF, GB/T 28181-2011
Application Programming	CU SDK
Function	NAT / Socks5 / Multiple network access / Packet loss recovery
Hot Backup	N+1
Interfaces	
Ethernet	2 x Gigabit network port, RJ45 interface
USB	4 x USB2.0
Control	1 x RS485
Video Out	1 x VGA, for debug only
Internal	2 x USB2.0, for USB license dongle
Environmental	
Operating Temperature	0°C ~ 55°C / 32°F ~ 131°F
Operating Humidity	10% ~ 90%
Electrical	
Power	100 ~ 240V AC, 50 ~ 60Hz
Power Consumption	Max. 25W
Mechanical	
Weight	13kg / 28.66lb (Gross Weight)
Dimensions	443 x 461 x 88mm / 17.44" x 18.15" x 3.46"

Dimensions

Units:mm



KDM2901-M-G2

VMS - Video Management System



Features

High-performance, High-capacity

- Up to 10,000 channel per unit
- Up to 300 users access simultaneously
- 8-level cascade
- 32 devices stack per level

High reliability

- Supports Packet Loss Recovery (PLR)
- N+1 Hot Backup

Abundant functions and features

- E-Map, TV-Wall supported
- Bi-directional audio
- NAT, Socks5
- Alarm management
- Free Client (CU client)

Specifications

	KDM2901-M-G2
Capacity	
Access	10,000 Channel
Stack	32 devices per level, up to 15000 Channel (rely on root vms)
Cascade	8-level, up to 50000 Channel (rely on root vms)
Live Viewing	
Multi Screen Display	Up to 64 multi-window
E-Map	Live Viewing in E-Map
Function	E-PTZ / Scheme / Polling / TV-Wall (optional with decoder)
Recording	
Mode	Manual / Continuous / Schedule / Event (Pre / Post)
Event Trigger	Alarm input / Video lost / Motion Detection
Search & Playback	
Search Mode	Date and time (Calendar) / Event
Playback Mode	Single Playback / Multi Playback / Synchronize Playback
Function	Slow forward / Fast forward / Loop / Single Frame / E-PTZ
Storage	
External	IP SAN (iSCSI), up to 31 x IP SAN
Video	
Compression	H.265 / H.264 / MPEG4
Image Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Frame Rate	1 ~ 30fps
Bitrate	64kbps ~ 8Mbps
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / AAC-LC
Bitrate	32kbps ~ 64kbps
Alarm	
Alarm Triggers	Alarm input / Video lost / Motion Detection / Disk alarm
Alarm Events	Snapshot / Recording / PTZ preset / Alarm out / Buzzer / Link to Client / Alarm caption
System	
User Management	Super admin / Admin / User
Log Management	User login / User operation / Device / Alarm / Backup
System Requirements (Hardware)	
CPU	Min: Intel Core i7 Recommended: Intel Core i7 * 4
RAM	Min: 32GB Recommended: 128GB
HDD	1TB
System Requirements (Software)	
Supported Operating System	Centos 6.5 64-bit

KDV2901-K-G2

VMS - Video Management System



Features

High-performance, High-capacity

- Up to 10,000 channel per unit
- Up to 300 users access simultaneously
- 8-level cascade
- 32 devices stack per level

High reliability

- Supports Packet Loss Recovery (PLR)
- N+1 Hot Backup

Abundant functions and features

- E-Map, TV-Wall supported
- Bi-directional audio
- NAT, Socks5
- Alarm management
- Free Client (CU client)

Specifications

Capacity	KDM2901-K-G2
Access	10,000 Channel
Stack	32 devices per level, up to 3000 Channel (depend on root vms)
Cascade	8-level, up to 20000 Channel (depend on root vms)
Live Viewing	
Multi Screen Display	Up to 64 multi-window
E-Map	Live Viewing in E-Map
Function	E-PTZ / Scheme / Polling / TV-Wall (optional with decoder)
Recording	
Mode	Manual / Continuous / Schedule / Event (Pre / Post)
Event Trigger	Alarm input / Video lost / Motion Detection
Search & Playback	
Search Mode	Date and time (Calendar) / Event
Playback Mode	Single Playback / Multi Playback / Synchronize Playback
Function	Slow forward / Fast forward / Loop / Single Frame / E-PTZ
Storage	
External	IP SAN (iSCSI), up to 31 x IP SAN
Video	
Compression	H.265 / H.264 / MPEG4
Image Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Frame Rate	1 ~ 30fps
Bitrate	64kbps ~ 8Mbps
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / AAC-LC
Bitrate	32kbps ~ 64kbps
Alarm	
Alarm Triggers	Alarm input / Video lost / Motion Detection / Disk alarm
Alarm Events	Snapshot / Recording / PTZ preset / Alarm out / Buzzer / Link to Client / Alarm caption
System	
User Management	Super admin / Admin / User
Log Management	User login / User operation / Device / Alarm / Backup
System Requirements (Hardware)	
CPU	Min: Intel Core i3 Recommended: Intel Core i7
RAM	Min: 16GB Recommended: 32GB
HDD	1TB
System Requirements (Software)	
Supported Operating System	Centos 6.5 64-bit

KDM2901-S-G2

VMS - Video Management System



Features

High-performance, High-capacity

- Up to 300 channel per unit
- Up to 300 users access simultaneously
- 8-level cascade
- 32 devices stack per level

High reliability

- Supports Packet Loss Recovery (PLR)
- N+1 Hot Backup

Abundant functions and features

- E-Map, TV-Wall supported
- Bi-directional audio
- NAT, Socks5
- Alarm management
- Free Client (CU client)

Specifications

Capacity	KDM2901-S-G2
Access	300 Channel
Stack	32 devices per level, up to 3000 Channel (depend on root vms)
Cascade	8-level, up to 20000 Channel (depend on root vms)
Live Viewing	
Multi Screen Display	Up to 64 multi-window
E-Map	Live Viewing in E-Map
Function	E-PTZ / Scheme / Polling / TV-Wall (optional with decoder)
Recording	
Mode	Manual / Continuous / Schedule / Event (Pre / Post)
Event Trigger	Alarm input / Video lost / Motion Detection
Search & Playback	
Search Mode	Date and time (Calendar) / Event
Playback Mode	Single Playback / Multi Playback / Synchronize Playback
Function	Slow forward / Fast forward / Loop / Single Frame / E-PTZ
Storage	
External	IP SAN (iSCSI), up to 31 x IP SAN
Video	
Compression	H.265 / H.264 / MPEG4
Image Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Frame Rate	1 ~ 30fps
Bitrate	64kbps ~ 8Mbps
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / AAC-LC
Bitrate	32kbps ~ 64kbps
Alarm	
Alarm Triggers	Alarm input / Video lost / Motion Detection / Disk alarm
Alarm Events	Snapshot / Recording / PTZ preset / Alarm out / Buzzer / Link to Client / Alarm caption
System	
User Management	Super admin / Admin / User
Log Management	User login / User operation / Device / Alarm / Backup
System Requirements (Hardware)	
CPU	Min: Intel Core i3 Recommended: Intel Core i5
RAM	Min: 8GB Recommended: 16GB
HDD	1TB
System Requirements (Software)	
Supported Operating System	Centos 6.5 64-bit