EYE TO EYE
SECURITY

CENTRAL

MONITORING

SOLUTIONS

YOUR GOAL IS OUR MISSION

DATA SHEETS

Table of Contents

Scan or Click to download Central Monitoring Solutions Presentation
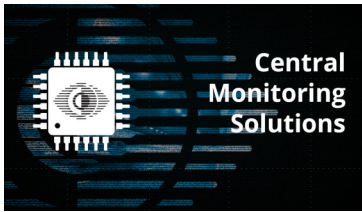
KDM2801H-G2
VMS - Video Management System

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Cascade | **Stack** | **IP-SAN** External Storage | **Electronic Map** | **TV Wall**

Feature

High-performance, High-capacity
Up to 1000 channels per unit
Max. 640Mbps incoming bandwidth
Max. 640Mbps output bandwidth
Up to 1000 Standby Connections
8-level cascade
32 devices stack per level

High reliability
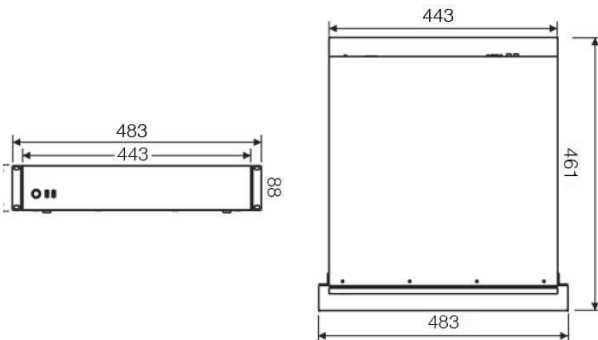Embedded Linux
Packet Loss Recovery (PLR) supported

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

Specifications

KDM2801H-G2	
Capacity	
Access	1000 Standby Connections
Stack	32 devices per level, up to 3,000 channels
Cascade	8-level, up to 20,000 channels
Incoming Bandwidth	Max. 640Mbps
Output Bandwidth	Max. 640Mbps
Live Viewing	
Multi-Screen Display	Up to 64 video windows
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, SNTP, VSIP
Viewer Software	CU Client
Max. User Access	1000 Users
Protocols	ONVIF, GB/T 28181-2011
Application Programming	CU SDK
Function	NAT / Socks5 / Multiple network access / Packet loss recovery
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

443
483
443
88
461
483

KDM2802A-G2
High-capacity VMS - Video Management System

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Cascade | **Stack** | **IP-SAN** External Storage | **Electronic Map** | **TV Wall**

Feature

High-performance, High-capacity
Up to 5000 channels per unit
Max. 640Mbps incoming bandwidth
Max. 640Mbps output bandwidth
Up to 1000 Standby Connections
8-level cascade
32 devices stack per level

High reliability
Embedded Linux
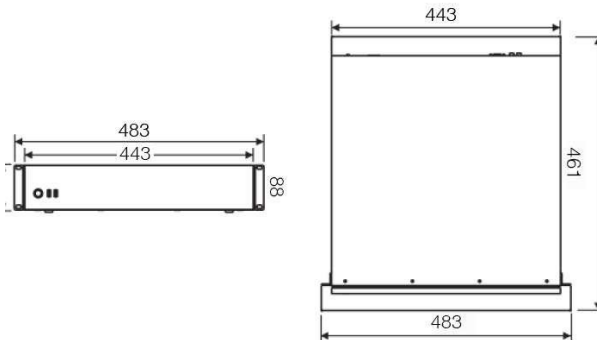Packet Loss Recovery (PLR) supported

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 Standby Connections
Stack	32 devices per level, up to 15,000 Channel
Cascade	8-level, up to 50,000 Channels
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	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	
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, SNTP, VSIP
Viewer Software	CU Client
Max. User Access	1000 Users
Protocols	ONVIF, GB/T 28181-2011
Application Programming	CU SDK
Function	NAT / Socks5 / Multiple network access / Packet loss recovery
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
	Redundant Power Supply
Power Consumption	Max. 80W
Mechanical	
Weight	15kg / 33.07lb (Gross Weight)
Dimensions	443 x 461 x 88mm / 17.44'' x 18.15'' x 3.46''

Dimensions

Unit: mm

443

483

461

483

443

88

483

KDM2901

VMS - Video Management System

Feature

High-performance, High-capacity
300, 1000 and 10,000 channels per unit
Up to 300 users access simultaneously
8-level cascade
32 devices stack per level

High reliability
Packet Loss Recovery (PLR) supported
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-S-G2	KDM2901-K-G2	KDM2901-M-G2
Capacity			
Access (Standby Connections)	300 Channels	1,000 Channels	10,000 Channels
Stack	32 devices per level, up to 3,000 Channel (depend on root VMS)		32 devices per level, up to 15,000 Channel (depend on root VMS)
Cascade	8-level, up to 20,000 Channel (rely on root VMS)		8-level, up to 50,000 Channel (rely on root VMS)
Live Viewing			
Multi-Screen Display	Up to 64 video windows		
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			
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	Min: Intel Core i3 Recommended: Intel Core i5	Min: Intel Core i7 Recommended: Inter Core i7 * 4
RAM	Min:8GB Recommended: 16GB	Min:16GB Recommended: 32GB	Min:32GB Recommended: 128GB
HDD	1TB		
System Requirements (Software)			
Supported Operating System	Centos 6.5 64-bit		

KProServer3

CPU Server

Feature

High-performance, High-capacity
High density CPU chassis
2 x Intel Xeon processor E5-2620V3
64GB RAM
1 x 2.4TB SAS, 1x 960GB SSD, 2 x SFP

Specifications

KProServer3	
KProServer3-B01	High density CPU server chassis
	19" 2U standard blade rack server chassis, able to insert 4 computing nodes, each computing node configuration 6 slot of 3.5-inch / 2.5-inch compatible hard drive slot, a total of 24 hard disk slot can be placed
	Include 2 unit of 2150W redundant platinum power supply
KProServer3-N100-E01 64G	Computing Nodes for KProServer3-B01
	2 x Intel Xeon processor E5-2620V3 (6 core, 12 thread, 2.4GHz, 15MB Cache), 64GB RAM, 1 x 2.4TB SAS, 1x 960GB SSD, 2 x SFP
	OS license not included
Functions	Compares the attributes of each face
	Calculates the similarity percentage between faces
Operating Temperature	10°C ~ 40°C / 50°F ~ 104°F
Operating Humidity	50% ~ 90%
Power	100 ~ 127V AC, 50 ~ 60Hz / 200 ~ 240V AC, 50 ~ 60Hz
Power Consumption	Max. 2150W (4 computing nodes included)
Weight	38kg / 83.78lb (including 4 x nodes)
Chassis Dimensions	733 x 438 x 86.9mm / 28.86'' x 17.24'' x 3.42''

VS200G/H

16/24 Bay IPSAN for long-term storage

Specifications

	VS200G	VS200H
General		
Disk Interface	SATA: 1TB, 2TB, 3TB, 4TB, 6TB	
RAID	RAID0,1,5,6,10, RAID X	
HDD Hot-swap	Supported	
Max. Internal HDDs	16 x 3.5'' HDD	24 x 3.5'' HDD
	Max. 128TB (up to 8TB/each)	Max. 192TB (up to 8TB/each)
Storage Management		
Recording rate	500Mbps	
Disk management:	S.M.A.R.T. (Self-Monitoring, Analysis and Reporting)	
Device Management		
Management	Web-based GUI, Multiple units management	
Alarm	Sound, LED, Email, GUI Warning	
Network		
Network Protocols Supported	TCP/IP, UDP, HTTP, FTP, IPv4, iSCSI, NAS, NRU	
Trunk	Supported	
Interfaces		
Ethernet	3 x Gigabit network port, RJ45 interface	4 x Gigabit network port, RJ45 interface
Output	VGA output for debugging	
USB	2 x USB3.0, for keyboard or user data backup	
Environmental		
Operating Temperature	10°C ~ 35°C / 50°F ~ 95°F	
Operating Humidity	10% ~ 90%	
Electrical		
Power	100 ~ 240VAC, 50 ~ 60Hz	
	Redundant Power Supply	
Power Consumption	Max. 216W (HDD not included)	
Mechanical		
Weight	Approx. 20kg (HDD not included)	<26.5 kg (excluding HDDs)
Dimensions	156 x 483 x 500mm / 6.14'' x 19.02'' x 19.69''	132.8 x 483 x 696.8mm / 5.23" x 19.02" x 27.43"

POWER
Redundancy

SATA
HDD Hot Swap

HDD
Hot Spare

Modular
Design

RAID

Features

High-performance, High-capacity
Max. 500Mbps recording rate
Max.24 HDDs up to 192TB storage

High reliability
Embedded Linux Embedded
RAID 0/1/5/6/10, RAID X
HDD Hot Spare
Redundant Power Supply
HDD hot-swap
Ethernet trunk

Abundant functions and features
Multiple units management
Alarm management
Modular architecture

Dimensions
Units: mm
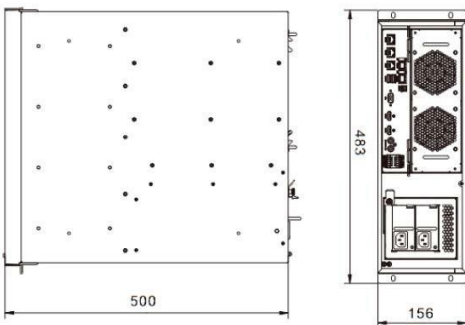
KDM201
Video Decoder Unit

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4K	H.265 Encoding	TV Wall	2-way Audio	Multi Channel

Features

High-performance, High-capacity
Max. 16 x 4K@30fps / 72 x 1080p@30fps / 144 x 720p@30fps decoder per unit
H.264 / H.265

Easy to deploy
Modular architecture, 8 slots
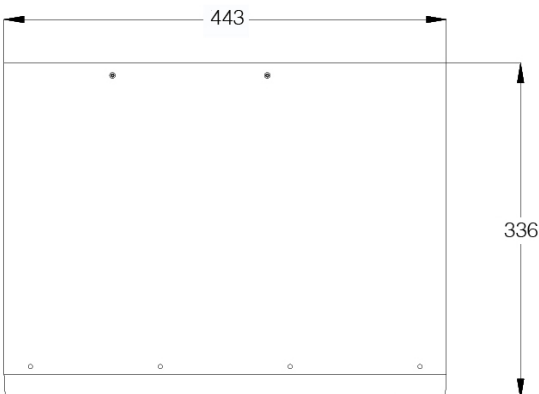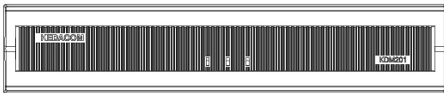Rack-mounted
Different decoder modules supported

Easy to install
Built-in Web Server, easy to manage and configure
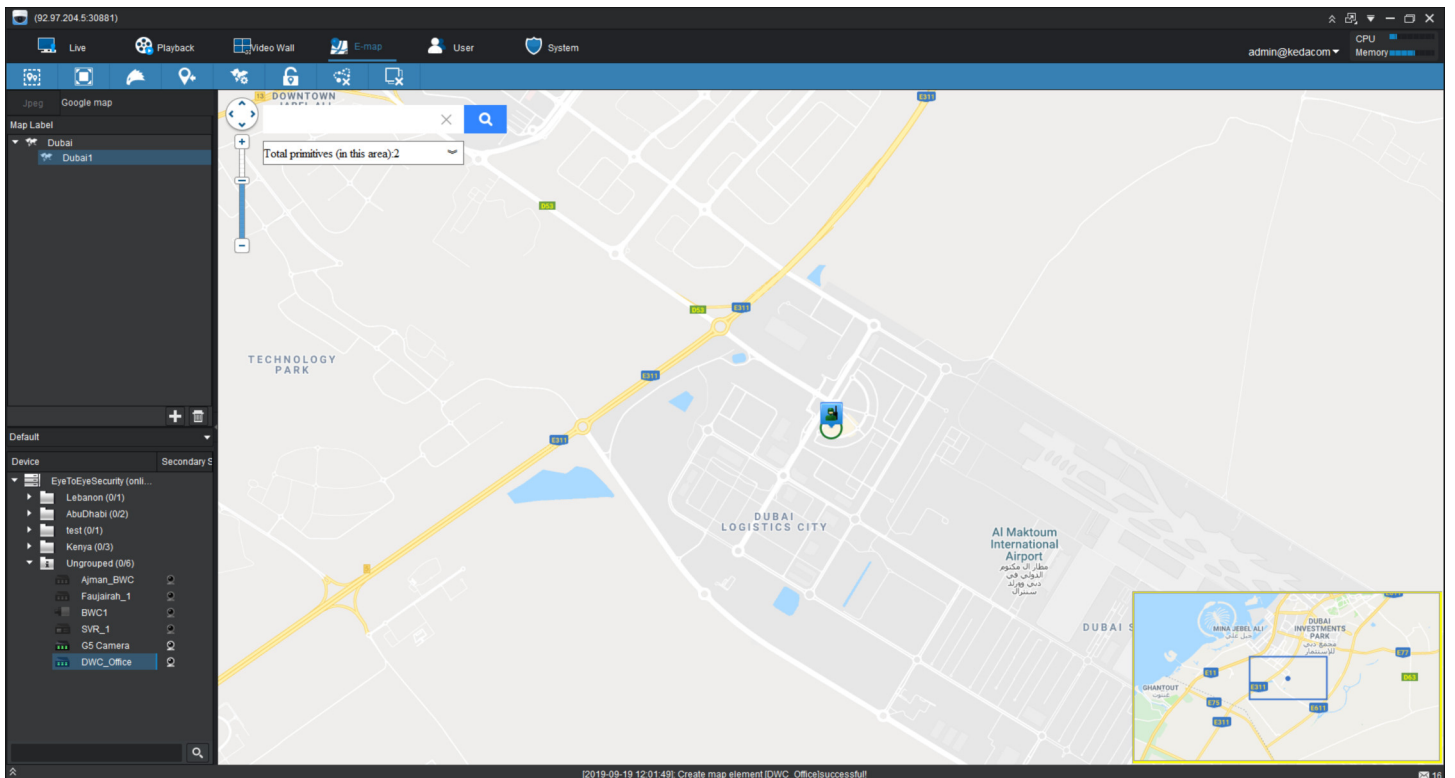
Abundant functions and features
Bi-directional audio

Dimensions
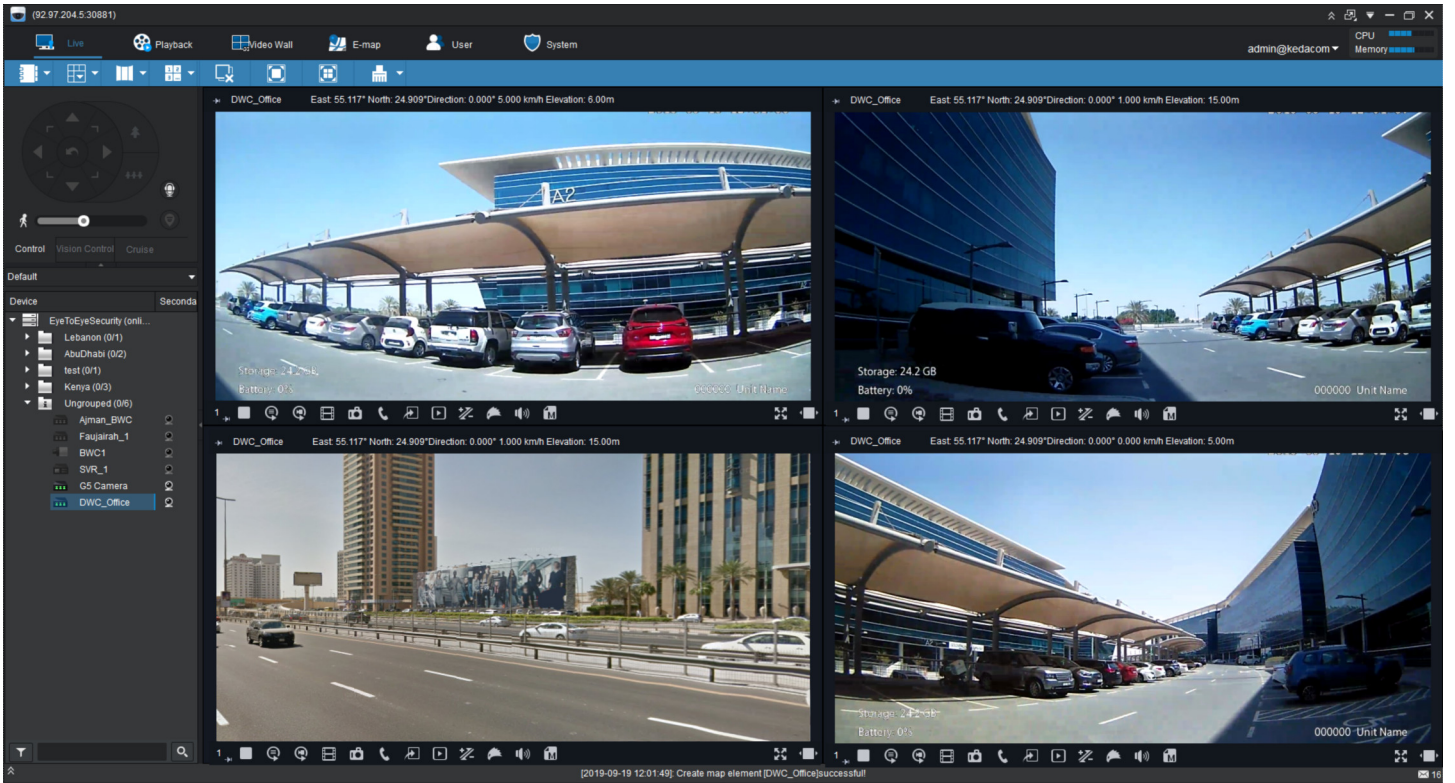Units: mm

443

336

Specifications

KDM201 Decoder Module Chassis	
Interfaces	
Slots	8
Ethernet	1 x Gigabit network port, RJ45 interface
Environmental	
Operating Temperature	-10°C ~ 40°C / 14°F ~ 104°F
Operating Humidity	10% ~ 90%
Electrical	
Power	100 ~ 240V AC, 50 ~ 60Hz
Power Consumption	Max. 250W
Mechanical	
Weight	8kg / 21.43lb (Gross Weight)
Dimensions	443 x 336 x 88mm / 17.44" x 13.23'' x 3.46''
KDM201-D02E UHD Decoder Module	
Video	
Compression	H.264 / H.265
Image Resolution	8MP(4K), 4MP, QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF
Multichannel	2 channel output: 1 x 4K / 2 x 4MP / 4 x 1080p / 9 x 720p / 16 x D1 by each channel 1 channel output (disable other video output): 2 x 4K / 4 x 4MP / 9 x 1080p / 16 x 720p
Layout	1, 2, 3, 4, 9, 16
Frame Rate	1 ~ 60fps
Bitrate	64kbps ~ 36Mbps
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / AAC-LC / AMR
Bitrate	8kbps ~ 64kbps
Interfaces	
Video Out	2 x HDMI (up to 3840 x 2160) 1 x VGA (up to 1920 x 1080)
Audio In / Out	1 x 3.5mm Line in, 1 x 3.5mm Line out
Control	1 x RS485
User Interface	Web / NVR / NVR Station client / VMS client
KDM201-D01F HD Decoder Module	
Video	
Compression	H.264
Image Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Multichannel	1 x QXGA / 2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF
Layout	1, 2, 4, 9, 16
Frame Rate	1 ~ 60fps
Bitrate	64kbps ~ 8Mbps
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR
Bitrate	32kbps ~ 64kbps
Interfaces	
Video Out	1 x HDMI, 1 x VGA, 1 x BNC
Audio In / Out	1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out
Control	1 x RS232, 1 x RS485
User Interface	Web / NVR / NVR Station client / VMS client
KDM201-D04F HD Decoder Module	
Video	
Compression	H.264
Image Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Multichannel	2 x QXGA / 4 x 1080p / 8 x 720p / 16 x D1 / 64 x CIF
Layout	1, 2, 4, 9, 16
Frame Rate	1 ~ 60fps
Bitrate	64kbps ~ 8Mbps
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR
Bitrate	32kbps ~ 64kbps
Interfaces	
Video Out	4 x HDMI
Audio In / Out	1 x 3.5mm Line in, 1 x 3.5mm Line out
Control	1 x RS232, 1 x RS485
User Interface	Web / NVR / NVR Station client / VMS client

VMS
Client Unit (CU)

Dear Clients,

Thank you for taking the time to browse our Product Catalogue.

We have incorporated herein our comprehensive product range to suit versatile moving surveillance solutions.

We are especially excited to develop our advanced Recognitive Tracking System which has been the world's first of its type.

Before we do anything, we start with our clients in mind and this enables us to develop solutions which create tangible benefits and deliver excellent return on investment.

We are intrinsically R&D oriented in spirit and for this reason we invest a large part of our annual revenue to develop innovative products and solutions.

We take to heart the adage that excellence is a journey and cordially invite you to join us through a progressive future.

Warmest welcome,

Eye To Eye Security and KEDACOM Team

SCAN OR CLICK TO DOWNLOAD CLIENT UNIT VIDEOS

**BODYWORN CAMERA
AND CLIENT UNIT**

Eye To Eye Security Trading DWC-LLC

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