Video Decoder Unit













# Features

#### High-performance, High-capacity

- Max. 15 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

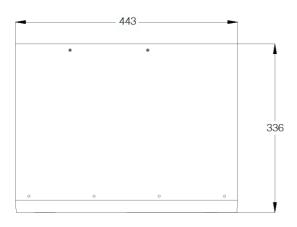
- Built-in Web Server, easy to manage and configure

#### Abundant functions and features

**Dimensions** 

Unit: mm





## Specifications

Specifications	
Model	KDM201 Decoder Module Chassis
Interfaces	
Slots	8
Ethernet	1 x Gigabit network port, RJ45 interface
	T X Gigabit Hetwork port, h545 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
	IVIAA. 230VV
Mechanical	
Weight	8kg / 21.43lb (Gross Weight)
Dimensions	443 x 336 x 88mm / 17.44" x 13.23" x 3.46"
Model	KDM201-D02E UHD Decoder Module
Video	
	11.004 /11.005
Compression	H.264 / H.265
Image Resolution	8MP(4K), 4MP, QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF
	2 channel output:
Multichannel	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	1F- 20110b0
	C 744 - 1 C 744 - 1 A D D C M 1 C 700 1 C 700 1 - 1 A A O 1 C 1 A A D
Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / AAC-LC / AMR
Bitrate	8kbps ~ 64kbps
Interfaces	
	2 x HDMI (up to 3840 x 2160)
Video Out	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
Model	KDM201-D01F HD Decoder Module
Model	
Model Video Compression	KDM201-D01F HD Decoder Module
Model Video Compression Image Resolution	KDM201-D01F HD Decoder Module  H.264  QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Model Video Compression Image Resolution Multichannel	H.264   QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF   1 x QXGA / 2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF
Model Video Compression Image Resolution Multichannel Layout	H.264 QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p/4 x 720p/9 x D1/16 x CIF 1, 2, 4, 9, 16
Model Video Compression Image Resolution Multichannel Layout Frame Rate	H.264 QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF 1, 2, 4, 9, 16 1 ~ 60fps
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate	H.264 QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p/4 x 720p/9 x D1/16 x CIF 1, 2, 4, 9, 16
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio	H.264 QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression	H.264 QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate	H.264 QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate	H.264 QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR
Model Video Compression Image Resolution Multichannel Layout Frame Rate Biltrate Audio Compression Biltrate Interfaces	H.264 QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR 32kbps ~ 64kbps
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out	H.264     QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF     1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF     1, 2, 4, 9, 16     1 ~ 60fps     64kbps ~ 8Mbps     G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR     32kbps ~ 64kbps     1 x HDMI, 1 x VGA, 1 x BNC
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out	H.264  OXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  1 x OXGA / 2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF  1, 2, 4, 9, 16  1 ~ 60fps  64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR  32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC  1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control	H.264  QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF  1, 2, 4, 9, 16  1 ~ 60fps  64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR  32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC  1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out  1 x RS232, 1 x RS485
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface	H.264     CXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF     1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF     1, 2, 4, 9, 16     1 ~ 60fps     64kbps ~ 8Mbps     G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR     32kbps ~ 64kbps     1 x HDMI, 1 x VGA, 1 x BNC     1 x S.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out     1 x RS232, 1 x RS485     Web / NVR / NVR Station client / VMS client
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control	H.264  QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF  1, 2, 4, 9, 16  1 ~ 60fps  64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR  32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC  1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out  1 x RS232, 1 x RS485
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface	H.264     CXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF     1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF     1, 2, 4, 9, 16     1 ~ 60fps     64kbps ~ 8Mbps     G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR     32kbps ~ 64kbps     1 x HDMI, 1 x VGA, 1 x BNC     1 x S.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out     1 x RS232, 1 x RS485     Web / NVR / NVR Station client / VMS client
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video	H.264  OXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  1 x OXGA / 2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF  1, 2, 4, 9, 16  1 ~ 60fps  64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR  32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC  1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out  1 x RS232, 1 x RS485  Web / NVR / NVR Station client / VMS client  KDM201-D04F HD Decoder Module
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video Compression	H.264  QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF  1, 2, 4, 9, 16  1 ~ 60fps  64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR  32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC  1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out  1 x RS232, 1 x RS485  Web / NVR / NVR Station client / VMS client  KDM201-D04F HD Decoder Module  H.264
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio in / Out Control User Interface Model Video Compression Image Resolution	H.264
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Wodel Video Compression Interface Interfa	H.264  OXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  1 x OXGA / 2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF  1, 2, 4, 9, 16  1 ~ 60fps  64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR  32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC  1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out  1 x RS232, 1 x RS485  Web / NVR / NVR Station client / VMS client  KDM201-D04F HD Decoder Module  H.264  QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  2 x QXGA / 4 x 1080p / 8 x 720p / 16 x D1 / 64 x CIF
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video Compression Image Resolution Multichannel Layout	H.264  OXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF  1, 2, 4, 9, 16  1 ~ 60fps  64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR  32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC  1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out  1 x RS232, 1 x RS485  Web / NVR / NVR Station client / VMS client  KDM201-D04F HD Decoder Module  H.264  QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF  2 x QXGA / 4 x 1080p / 8 x 720p / 16 x D1 / 64 x CIF  1, 2, 4, 9, 16
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video Compression Image Resolution Multichannel Layout Frame Rate	H.264
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Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video Compression Image Resolution Multichannel Layout Frame Rate	H.264
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Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Wodel Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Audio Compression	H.264  OXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x QXGA/2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR 32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC 1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out 1 x RS232, 1 x RS485 Web / NVR / NVR Station client / VMS client  KDM201-D04F HD Decoder Module  H.264 OXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 2 x QXGA / 4 x 1080p / 8 x 720p / 16 x D1 / 64 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Bitrate Audio Compression Bitrate Bitrate Audio Compression Bitrate Bitrate Audio	H.264  OXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 1 x OXGA / 2 x 1080p / 4 x 720p / 9 x D1 / 16 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR 32kbps ~ 64kbps  1 x HDMI, 1 x VGA, 1 x BNC 1 x 3.5mm Mic in, 1 x 3.5mm Line in, 1 x 3.5mm Line out 1 x RS232, 1 x RS485 Web / NVR / NVR Station client / VMS client KDM201-D04F HD Decoder Module  H.264 OXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF 2 x QXGA / 4 x 1080p / 8 x 720p / 16 x D1 / 64 x CIF 1, 2, 4, 9, 16 1 ~ 60fps 64kbps ~ 8Mbps  G.711a / G.711u / ADPCM / G.722 / AAC-LC / AMR 32kbps ~ 64kbps
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Interface Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Video Out	H.264
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out	H.264
Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Out Audio In / Out Control User Interface Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Interface Model Video Compression Image Resolution Multichannel Layout Frame Rate Bitrate Audio Compression Bitrate Interfaces Video Video Out	H.264