

KX-F4KM4

Multi-service Video Management Platform



- 19" standard 4U ATCA industry box
- Easy and flexible configuration with pluggable card module design
- 80ch@1080P or 320ch@D1 signal encoding (full configured)
- 80ch@4K or 320ch@1080P or 720ch@720P or 1500ch@D1 signal decoding (full configured)
- Support 320ch@1080P H.265 signal decoding(full config-ured)
- Support 240@D1 nonstandard stream signal decoding(full configured)
- Support max 60 screens splicing
- Support analog/digital video signals input and matrix output
- Support SD/HD video signal matrix switch and output
- Support non-compressed digital signal encoding output
- 6 RJ-45 gigabit network ports for matrix control, preview and online central storage
- Support TCP/IP/RTP/RTSP/RTCP/TCP/UDP/DHCP/PPPoE and etc. network protocols
- Remote cast analog/digital video onto the video-wall
- Remote reboot/upgrade/default setting and etc. operations
- Support VGA signal automatic adjustment
- Multi-service Video Management Platform

Technical Specification

System Parameter

Main Processor	Quad-core embedded microprocessor
Operating System	Embedded LINUX
Bus	PCI-E
Slot	12(2 Main Control Board Slot, 10 Video and Audio Function Board)
Mainframe	Power module (redundant power optional), main control board, control board, PCI-E bus rear panel, smart temperature controlled fan
Video Input Card	Max. 10
Video Output Card	Max. 10

Video Input

Card (HDMI)	Interface	4CH HDMI
	Encoding Format	H.264/MPEG4
	Encoding Capability	4CH@1080P, support resolution: 1080P/720P/UXGA/SXGA+/SXGA/XGA/SVGA/VGA

Video-Wall

Decoding Card Video-Wall Splicing	Splicing	Support video-wall splicing (max 60 LCD display units)
	Video-Wall	Support Splicing Zoom/Merge/ Roam/Overlay
	Input Source	HD/SD, Digital/Analog (support mixed input)
	Output Port	HDMI
	Control Mode	PC client-end/Local Operate Menu/Network Keyboard/IPAD

Network

Interface	6 RJ-45 ports (10/100/1000M), 2 in mainboard and 4 in control board
Serial Port	4 RS232 ports (4 RJ45), for console and control 1 RS485 port
USB	3 USB2.0, 1 USB3.0



Environmental

Power Supply	100~120V AC, 200~240V AC
Power Consumption	≤600W
Working Environment	-10°C ~+50°C / 10~90%RH / 86~106kpa
Dimension	4U, 482.6mm×496mm×177.8mm(W×D×H)
Weight	≤25Kg (full configured)

Dimensions (mm/inch)

