DHI-M70-4U-E

Multi-service Video Management Platform

Features:

• 19” standard 4U ATCA industry box

• Easy and flexible configuration with pluggable card module design

· 40ch@1080P signal encoding (full configured)

· 20ch@32MP or 80ch@8MP or 320ch@1080P or 720ch@720P or 1280ch@D1 signal decoding (full configured)

· 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

Technical Specification

Model

Model	DHI-M70-4U-E

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

VIC0201UH-M70 (HDMI)	Interface	2ch HDMI1.4 support HDCP
	Access Capability	2ch@4K, downward compatibility
VEC0404HH-M70 (HDMI)	Interface	4ch HDMI
	Encoding Format	H.264/MPEG4
	Encoding Capability	4CH@1080P, support resolution: 1080P/720P/UXGA/SXGA+/SXGA/XGA/SVGA/VGA
VEC0404HD-M70 (DVI)	Interface	4ch DVI-I (HDMI & VGA with convertor)
	Encoding Format	H.264/MPEG4
	Encoding Capability	4CH@1080P, support resolution: 1080P/720P/UXGA/SXGA+/SXGA/XGA/SVGA/VGA

Video Output

VDC0605H-M70(HDMI)	Decoding Capability	2CH@32MP(25fps)/8CH@12MP(15fps)/8CH@4K(25fps)/32CH@1080P/72CH@720P/128CH@D1
	Interface	6ch HDMI (Interfaces 2/3/5/6 support 4K resolution, others support 1080P)
	Output Resolution	4096*2160@24fps, 3840*2160@30fps, 1920*1080@60fps, 1280*1024@60fps, 1280*720@60fps, 1024*768@60fps
	Split	1/4/6/8/9/16/25/36, free split

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
	Video Input	HDMI/DVI
	Video Output	HDMI
	Audio Output	HDMI (embedded)
	Control Mode	WEB/Local GUI/Video Platform/ Network Keyboard/iPad

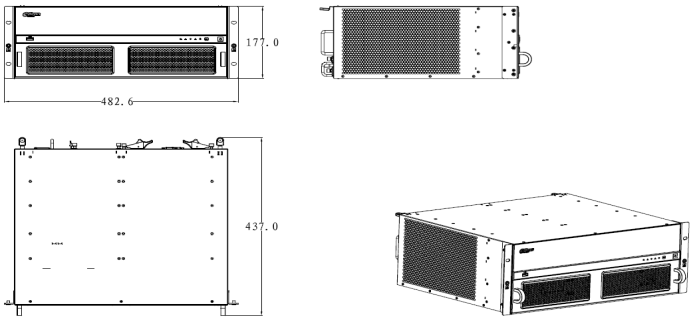
Network

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	100~240V AC, 50/60Hz
Power Consumption	≤600W
Working Environment	-10°C ~+50°C / 10~90%RH / 86~106kpa
Dimension	4U, 482.6 × 437.0 ×177.0mm(19.0 × 17.2 × 7.0 inch), (W*D*H)
Weight	≤25Kg (full configured)

Ordering Information

Type	Part Number	Description
Video Management Platform	DHI-M70-4U-E	4K, H.265 Decoding
	M70-4U-E	4K, H.265 Decoding

Dimensions (mm/inch)