

IHX-44

4K@60Hz 4x4 HDMI MATRIX ROUTER



Product Summary

The IHX-44 Matrix is a product capable of switching and distributing HDMI signals across various sources and displays. Equipped with a seamless switching function, it enables real-time control with zero delay during screen transitions, and its built-in scaler allows various input resolutions to be output at the user's desired resolution. It is a cost-effective solution suitable for installation in small-scale broadcasting studios, churches, performance venues, and similar environments.

Key Features

- Supports up to 4x4 input/output
- Front-panel button control
- RS-232C and TCP/IP communication
- Seamless switching support
- Supports Video Wall, Multi-View, and PIP (Picture-in-Picture)

Specifications

Item	Specification	
Model	IHX-44	
Input	HDMI 4 Ports (HDMI Type A Connector)	
Output	HDMI 4 Ports (HDMI Type A Connector)	
HDMI Compliance	HDMI 2.0 Specification	
Data Rate	9.6Gbps (3.2Gbps per color)	
Pixel Clock	300MHz	
Resolution	1280x720p@60Hz, 1600x1200@60Hz, 1920x1080@60Hz, 1920x1200@60Hz, 4K(3840x2160)@30Hz, 4K(3840x2160)@60Hz	
Color Format	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2	
Maximum Transmission Distance	Up to 10m	
HDCP	2.2 Ver.	
Control	RS-232C	Connector : DB-9 Female Baud Rate : 19200, 38400, 57600, 115200 Protocol : Data Bits 8, Stop Bit 1
	Ethernet	RJ-45 Female
EDID	EDID Mode : Default (MST-HDMI)	
Dimensions (W×H×D) / Weight	482 x 230 x 44 mm / 3kg	
Operating Condition	- Temperature : -10°C ~ 60°C 80% Humidity	
Power Consumption	DC 12V 5A Adapter	
Certifications	KC Certification : MSIP-REM-BLX-IHX-44	

※ Notes

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* Specifications are subject to change without prior notice.