



The Intraframe **IF-85-Q** is a 4K60Hz 8x8 HDMI matrix with integrated multiviewer. Outputs ports 1 – 4 provide regular matrixed output while outputs 5 – 8 are combined into a single multiviewer output port. Any input can be routed to any individual output or to any tile on the multiviewer. The system offers seamless switching between sources, output resolution scaling on each port, optical and analog audio extraction and comprehensive EDID management options. The multiviewer is highly configurable with single, dual, triple and quad tile layouts. Multiviewer audio is selectable from any of the tiles. Control is via front panel buttons, web interface, RS232 or IP via the comprehensive API.

Specifications

HDMI Standard	HDMI 2.0b
HDCP Compliance	HDCP2.2
Supported Bandwidth	594Mhz/18Gbps
Maximum Resolution	4096x2160@60Hz 444
Colour Space	RGB, YCbCr 4:4:4 / 4:2:2 YUV 4:2:0
Colour Depth	8/10/12 Bit
HDR Formats	HDR10, HDR10+, Dolby Vision, HLG
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD Audio Pass through up to 7.1CH
Optical Audio Formats	LPCM 2.0CH / Dolby / DTS 5.1CH
Analog Audio Formats	LPCM 2CH
Control	Front Panel Buttons, Web GUI, RS-232, IP, API

Connectors

Input	8 x HDMI
Output	5 x HDMI (4x Matrix + 1x Multi Viewer) 5 x 3.5mm Audio 5 x Optical Audio
Control	RS-232 (Female), RJ45

Physical Properties

Dimensions	440 x 300 x 45mm
Housing Material	Metal
Net Weight	4kg
Operating Temperature	0°C - 40°C
Storage Temperature	-20°C - 60°C
Humidity	20 - 90% RH (non-condensing)
Power Supply	24V 3.75A
Warranty	2 Years
Product Compliance	CE, UKCA, FCC, RoHS
Package Contents	HDMI Matrix, Rack Mounting Brackets, Multi-Country PSU, Manual