F676-IN2-F34

| Fiber Optic

4K60 4:4:4 HDMI over Ultra-Reach MM/SM
Fiber Optic Input Card

F676-IN2-F34 is a high-performance HDMI fiber optic modular matrix input card for ultra-reach extension of 4K@60Hz (4:4:4) HDMI signals. Designed for the VS-34FD modular matrix, F676-IN2-F34 receives the transmitted optical signal from a compatible transmitter and converts it to an HDMI and RS-232 signals. F676-IN2-F34 includes 2 multi-mode SFP+ transceivers, but can be used with any Kramer certified SFP+ transceivers, such as single-mode SFP+ transceivers

FEATURES

High Performance Standard Fiber Extender - HDMI fiber transmitter for providing ultra–reach signals over either multi–mode or single–mode optical fiber infrastructures, using Kramer pluggable OSP SFP+ units (multi–mode SFP+ included). Near–zero latency video chroma sub–sampling conversion technology, is employed to auto–adapt above 10G HDMI signals to 10G optical link signal data–rate. Note: To ensure specified performance, support, and warranty of this product, use only Kramer's certified hi–performance OSP SFP+ pluggable optical units

HDMI Signal Extension - HDCP 2.2 compliant and supports up to 18G (6G per channel) data rate, LPCM 7.1, Dolby True HD, and DTS–HD

I–EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling, processing and pass–through algorithm that ensures Plug and Play operation for HDMI source and display systems

Bidirectional RS–232 Extension - Serial interface data flows in both directions, to enable data transmission and control of devices

Cost–Effective Maintenance - Fiber link connection LEDs facilitate easy local troubleshooting

TECHNICAL SPECIFICATIONS

Inputs	2 Fiber Optic: On LC connectors
Ports	2 RS-232: On a 3–pin terminal block connector
Video	Max Bandwidth: 18Gbps
	Max Resolution: 4K@60 (4:4:4)
	HDMI Support: 18G (6G per channel) data rate, LPCM 7.1, Dolby True HD, and DTS−HD
	Content Protection: HDCP 2.2
Extension Line	Optical Fiber: Multi–mode (MM) or single–mode (SM)
	Optical Module: Kramer 10Gbps SFP+ IEEE 802.3ae compliant modules (MM is included)
Multi-mode Line	Compliance: G.651.1 OFNR fiber
	Max Reach over OM3 MM Fiber: 3km (1.8 miles)
Single-mode Line	Compliance: G.652D OFNR fiber
	Max Reach over OS1 SM Fiber: 33km (20.5 miles)
Extended RS-232	Baud Rate: 300 to 115200
User Interface	Indicators: optical link LEDs
Power	Consumption: 9W
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F)
	Storage Temperature: −40° to +70°C (−40° to 158°F)
	Humidity: 10% to 90%, RHL non–condensing
Regulatory Compliance (Standards Compliance)	Safety: CE, UL
	Environmental: RoHs, WEEE
Accessories	Included: 2 MM SFP+ transceivers
Product Dimensions	25.50cm x 13.00cm x 2.00cm (10.04" x 5.12" x 0.79") W, D, H
Product Weight	0.2kg (0.5lbs) approx
Shipping Dimensions	29.50cm x 16.60cm x 6.40cm (11.61" x 6.54" x 2.52") W, D, H
Shipping Weight	0.4kg (0.9lbs) approx