

Features:

- - All digital, no compression, high-definition fiber transmission;
- 10G optical fiber transmission rate, truly transparent transmission without compression and delay.
- Support HDMI 1.4, HDCP v1.4 HD and 3D video signal transmission, the highest resolution: 4096 × 2160 @ 30HZ;
- Automatically identify and configure various display modes;



The ITT-MC48232 is HDMI To optical Fiber transceiver supports 4K resolution and 10G high-speed photoelectric conversion transmission. It is actually a single optical fiber to extend the HDMI signal, speaker, microphone, RS232 and so on. EDID real-time backhaul, support to transmit RS232 serial port signal, used for communication with LCD screen, camera gimbal, and can also be used as long-distance transmission of touch screen. Low energy consumption, long distance, plug and play, strong compatibility, can achieve more accurate display.

Technical Parameters:

• Product function description	➤ 1channel 4K HDMI Fiber Mux
• Service port description	➤ Transmitter: 1 channel 4K HDMI interface in; receiver: 1 channel 4K HDMI interface out; 1 LC fiber interface
• Fiber	<ul style="list-style-type: none"> ➤ Fiber: single fiber, double fiber ➤ Fiber interface: LC ➤ Wavelength: 850nm / 1310nm multimode; 1310nm / 1550nm single mode ➤ Transmission distance: 10 ~ 80Km ➤ Typical transmit power: Single mode 1310 / 1550nm: $\geq -9\text{dBm}$ Multimode 850nm: -18dBm

	<p>Multimode 1310nm: -25dBm</p> <ul style="list-style-type: none"> ➤ Receiving sensitivity range: -33dBm ~-40dBm
• Hdmi Port	<ul style="list-style-type: none"> ➤ interface HDMI :female ➤ standard HDMI: 1.4 HDCP1.4 ➤ Pixel bandwidth: 340MHz ➤ Resolution: 1920x1080P24 1920x1080P25 ➤
• Electric and mechanic feature	<ul style="list-style-type: none"> ➤ System power: AC180V ~ 260V; DC -48V; DC +24V ➤ Power consumption: ≤10W
• Working environment	<ul style="list-style-type: none"> ➤ Working temperature: -10℃—+60℃ ➤ Storage temperature: -40℃—+85℃ ➤ Working Humidity: 0%—95% (no condensation) ➤ MTBF: >100,000 hour
• power supply	➤ AC220V or DC-48V
• Product Size	(L×W×H) 173*128*30mm Desktop
• weight	➤ 0.9Kg/pc

