



Description

TS-9506HR is a perfect transmission Extender HDMI 1.4a signal source, via a single CAT5e / 6 unshielded twisted pair transmission high-definition video signal ,transmission distance is up to 100 meters, supporting the highest resolution 1900 x 1200 @ 60Hz, while transmitting bidirectional RS-232, two-way infrared signals, providing long-distance transmission of video source devices and display devices, two-way control to provide a low-cost solution.

Features

- * Support HDMI1.4a, compatible HDCP1.4, DVI1.0.
- * Support for bi-directional IR, RS-232 transmission.
- * Transmitter supports HDMI monitor output.
- * Compatible with HDMI1.4 standard, HDCP1.4 agreement, DVI1.0 agreement.
- * Support for video, audio, IR, RS-232 transmit simultaneously, CAT5e / 6 cable shield maximum transmission distance of 100M.

Specifications

| Model | TS-9506HR |
|-------------------------------------|--|
| HDMI Video | |
| Interface | HDMI-A interface |
| Pixel bandwidth | 225MHz, full digital |
| Interface Bandwidth | 3.25Gbps,full digital |
| Max Supported resolution | HDPC: 1920x1200P@ 60_24bit HDTV: 1920x1080P@60_36bit |
| Signal Type | HDMI 1.4 / T.M.D.S. full digital signal |
| Suggested maximum input range | Less than 7 meters, under 1920x1080P@60Hz, (Recommend certification of special HDMI wire, such as Molex TM's wire) |
| Signal Strength | T.M.D.S. +/- 0.4Vpp |
| Min/Max Level | T.M.D.S. 2.9V/3.3V |
| Audio Input | HDMI Embedded digital audio |
| Impedance | 50 Ω |
| Serial port control | |
| Serial port control interface | RS-232 (3.5MM The headset seat) |
| Baud rate | 110-115200bps |
| Infrared Control | |
| Infrared control interface | IR(3.5MM The headset seat) |
| IR Frequency | 38KHz |
| HDMI Monitor output port | |
| Interface | HDMI-A interface |
| Supported protocols | HDMI1.3a, HDCP1.3, EDID1.4 |
| Pixel bandwidth | 225MHz , full digital |
| Interface Bandwidth | 3.25Gbps, full digital |
| Max Supported resolution | HDPC: 1900x1200@60Hz HDTV: 1920x1080P@60Hz |
| Signal Type | HDMI 1.4/ T.M.D.S. full digital signal |
| Signal Strength | T.M.D.S. +/- 0.4Vpp |
| Min/Max Level | T.M.D.S. 2.9V/3.3V |
| Impedance | 50 Ω |
| Video cable maximum output range | Less than 7 meters, under 1920x1080P@60Hz (Recommend certification of special HDMI wire, such as Molex TM's wire) |
| HDBaseT Output Interface | |
| Interface | High Speed RJ45 |
| transmission distance specification | Use CAT5e / 6 shielded wire up to 100 m |
| Power Supply | DC 12V/1.5A |
| Max Power Consumption | 8.5W |
| Dimensions (mm) | 162(L) X 195(W) X 35(H) |