

HDMI over CAT-5 Matrix Switch with RS-232 & IR Control Path

MT-HK0404-0C Specifications:

HDMI CAT-5 Matrix Switch

- Video Support: 480i / 480p / 720p / 1080i / 1080p60
- Transmission: Full HD (1080p)-35m (115ft) [CAT-5e] / 40m (130ft) [CAT-6] HD HD (720p/1080i)-50m (165ft) [CAT-5e] / 55m (180ft) [CAT-6]
- Audio Support: Surround sound (up to 7.1ch) or stereo digital audio
- Input: 4x HDMI + 1x RS-232
- Output: 4x RJ-45 TMD5, 4x RJ-45 DDC, 5x IR socket for IR emitter
- HDMI Input Selection: Push button / IR remote / RS-232
- HDMI Source Control: Controllable through IR control path from IR receiver at receiver sites
- IR Remote Control: Electro-optical characteristics: $\tau = 25^\circ$, Carrier frequency: 38kHz
- HDMI Connector: Type A [19-pin female]
- RJ-45 Connector: WE/SS 8P8C with 2 LED indicators [TMD5 & DDC channels]
- RS-232 connector: DE-9 [9-pin D-sub female]
- 3.5mm Connector: Earphone jack for IR emitter cable, each sources is individual channel IR control
- DIP switch: EDID and Audio mode
- Power Supply: 5V/6A DC
- Power Input: 20 Watt [max]
- Operation Temp.: 0~40°C [32~104°F]
- Storage Temp.: -20~60°C [-4~140°F]
- Relative Humidity: 20~90% RH [no condensation]
- Dimension (LxWxH): 340x110x44 mm

MT-HK0404-RC Specifications:

HDMI CAT-5 Matrix Receiver

- Video Support: 480i / 480p / 720p / 1080i / 1080p60
- Transmission: Full HD (1080p)-35m (115ft) [CAT-5e] / 40m (130ft) [CAT-6] HD HD (720p/1080i)-50m (165ft) [CAT-5e] / 55m (180ft) [CAT-6]
- Audio Support: Surround sound (up to 7.1ch) or stereo digital audio
- Equalization: 8-level digital control
- Input: 1x RJ-45 TMD5, 1x RJ-45 DDC, 1x IR socket for IR receiver
- Output: 1x HDMI
- HDMI Input Selection: Push button / IR remote
- HDMI Source Control: Controllable through IR control path from IR receiver at receiver sites
- IR Remote Control: Electro-optical characteristics: $\tau = 25^\circ$, Carrier frequency: 38kHz
- HDMI Connector: Type A [19-pin female]
- RJ-45 Connector: WE/SS 8P8C with 2 LED indicators [TMD5 & DDC channels]
- RS-232 connector: DE-9 [9-pin D-sub female]
- 3.5mm Connector: Earphone Jack for IR Receiver cable
- Power Supply: Provided by Matrix Switch
- Power Input: 1 Watt [max]
- Operation Temp.: 0~40°C [32~104°F]
- Storage Temp.: -20~60°C [-4~140°F]
- Relative Humidity: 20~90% RH [no condensation]
- Dimension (LxWxH): 85x90x25 mm

HDMI over CAT-5 Matrix Switch Connection

