

HDMI Video Equipment Series

HM1D

Features

- 4K x 2K 3D HDMI Video Resolution
- 10 Gigabits Serial Data Transmission
- Compliance HDCP and HDMI 1.4a
- Support DDC, CEC, HPD
- No Settings or Adjustments
- Automatic recognizes HDCP, EDID, CEC
- Transmission Up To 2 Km @ MM Fiber
- Standard LC Connector
- Integrated USB connector for Power
- Dual Supply via HDMI Port & USB port



4K
ULTRA HD

MAIN PARAMETERS

System:	
Error Rate	1 in 10 ¹² or Better
Fiber Transmission	10 Gigabits per second
Optical:	
Channel	1
Data Rate	10 Gigabit
Multimode	850nm
TX	VCSEL
RX	PIN
Distance	300 meters
Connector	SFP (LC)
Environment:	
Operating	-34 ⁰ C to +74 ⁰ C
Storage	-40 ⁰ C to + 95 ⁰ C
Humidity	98% Non-Condensing

HDMI Video Interface:	
Channel	1
Video Bandwidth	Up to 4K x 2K x 3D
Refresh Rate	120 Hz
Depth	Up To 48 Bits
Full HDMI Support	HDMI 1.4a With HDCP DDC, CEC, HPD
No Settings or Adjustments	Automatic Recognizes HDCP, EDID, CEC
Connector	Hot-Pluggable 19" HDMI Type A
Physical:	
Dimensions	3.5" x 0.75" x 0.4"
Power:	
Dual Power	HDMI or USB +5VDC @0.5Amp

APPLICATION

HDMI CAMERA



HM1DT

Up To 300 Meters @ MM Fiber



HM1DR

HDTV



4K 2X 3D Resolution

Typical HM1DT & HM1DR Application

Ordering Information

Model	Descriptions
HM1D01T	1 Channel HDMI (Video Tx), 850nm VCSEL MM LC (SFP), 300 Meters, +5 VDC
HM1D01R	1 Channel HDMI (Video Rx), 850 PIN MM LC (SFP), 300 Meters, +5 VDC