

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
- Transmission Up To 10 Km @ SM Fiber
- Standard LC Connector
- Integrated USB connector for Power
- Dual Supply via HDMI Port & USB port



MAIN PARAMETERS

System:	
Error Rate	1 in 10 ¹² or Better
Fiber Transmission	10 Gigabits per second
Optical:	
Transmitter	Lasers
Tx	1310nm @ 10Gbps
Receiver	PIN
Rx	1310nm @ 10Gbps
Fiber Distance	10Km @ SM, 2Km @ MM
Connector	LC
Environment:	
Operating	-34 ^o C to +74 ^o C
Storage	-40 ^o C to + 95 ^o 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:	
HDMI or USB	+5 VDC @ 0.5 Amp

APPLICATION

HDMI CAMERA



HM2DT

Up To 10 KM @ SM Fiber



HM2DR

HDTV



4K 2X 3D Resolution

Typical HM1DT & HM1DR Application

Ordering Information

Model	Descriptions
HM2D03T	1 Channel HDMI (Video Tx), 1300nm Laser SM LC (SFP), 10 Km, +5 VDC
HM2D03R	1 Channel HDMI (Video Rx), 1300 PIN SM LC (SFP), 10 Km, +5 VDC