

AEON

Technology for the next generation

HDM66-18G-HDBT

4K60 6X6 HDBASET MATRIX



Engineered For
Ultimate Reliability

Package Contents

- 1 x 6x6 Matrix Unit
- 4 x 70M HDBaseT Receivers
- 7 x Wideband IR Blaster cables
- 8 x Wideband IR Receiver cables
- 1 x RS-232 male to female cable
- 1 x AC power cable
- 1x Remote Controller
- 1 x User Manual

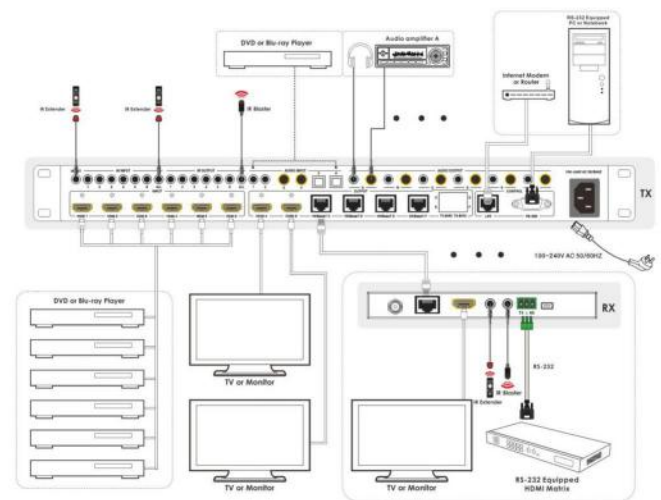
Technical Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	Up to 18 Gbps
Video Resolutions	up to 4K2K@50/60Hz(YUV4:4:4), 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Audio Formats (Optical/Coaxial In)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+
Audio Formats (Analog/Coaxial Out)	LPCM 2CH up to 192KHz sample rate
L/R Audio Formats	Analog Stereo 2CH
Infrared Frequency	20KHz - 60KHz
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	6x HDMI Type A [19-pin female] 2x L/R Audio In [3.5mm Stereo Mini-jack] 2x Optical Audio In [S/PDIF] 2x Coaxial Audio In[S/PDIF] 8x IR In [3.5mm Stereo Mini-jack] 4x RS-232 [3pin Phoenix Jack] 1x TCP/IP[RJ45]
Outputs	2x HDMI Type A [19-pin female] 4x HDBaseT Out [RJ45] 6x L/R AudioOut [3.5mm Stereo Mini-jack] 6x Optical Out [S/PDIF] 7x IR Out[3.5mm Stereo Mini-jack]

HDM66-18G-HDBT

Aeon's 6x6 HDBaseT Matrix is capable of transmitting a 4K 18Gbps signal over 70m Category cable via HDBaseT protocol. The HDM66-18G-HDBT is a great solution to distribute 6x HDMI signal around an office, house, restaurants or a lecture hall.

The HDM66-18G-HDBT also has IP Control with a onboard GUI that can be controlled via a phone or a tablet.



Support Transmission distance:

70 meters:
4K60 4:4:4 18Gbps

For further enquiries, please contact:
sales@keyserviceltd.co.nz
www.aeonnz.com
 09-916-0960
 34a Cryers Road, East Tamaki
 Auckland

