Atlona HDBaseT 16 by 16 HDMI Matrix Switcher over CAT5e/6/7

AT-PRO2HD1616M

Extend HDMI and DVI (with HDMI to DVI adapter ex. AT14040) sources up to 330ft at 1080p or 1920x1200. The Atlona HDMI 16 by 16 Matrix Switcher allows for effortless control of up to 32 devices through IR remote control, RS-232, 3rd party IR controllers and the front panel. With stereo audio embedding combine stereo audio with DVI signals over one CAT5e/6/7 cable. To ensure all audio passes through the 16 by 16 Matrix Switcher supports all Lossy and Lossless formats of Dolby and DTS.

The AT-PRO2HD1616M delivers the best quality available with pass through of up to 1080p, 1920x1200, 3D, and Dolby TrueHD and DTS-HD Master audio signals.

Go Further with more
Extend your audio/visual experience up to 330ft over CAT5e/6/7 cables. This **HDBaseT based technology** allows you to send IR, RS-232, video (up to 1080p or 1920x1200) and audio (all Lossy and Lossless formats) signals over a single CAT5e/6/7 cable.

Bidirectional Control
Compatible with all 3rd party controllers and IR remote controls, get bidirectional control from the RS-232 and IR ports. Control the matrix and the in zone displays with RS-232 or control all connected devices with the new zone dedicated IR ports.

No Device Left Behind
Ensure that even the most difficult display can receive audio and video with 8 programmable memory presets loadable to any source connected to the matrix.

Back Up Power Supply
In the event the main power supply becomes inoperable the built in redundant power supply will seamlessly take over the matrix's energy needs.

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SPECIFICATIONS

Bandwidth frequency	6.75 Gbps
Input Ports	16 x HDMI (Female Type)
	17 x IR 3.5mm
	1 x Firmware update
	16 x 3.5mm Stereo Audio
Output Ports	16 x CAT 5e/6/7
	1 x RS-232
	17 x IR 3.5mm
Resolution outputs	Video: up to 1080p@60Hz
	Vesa: up to 1920x1200
Dimensions (HxWxD)	6.93x18.98x14.27 (inch) or 176x482x362.5 (mm)
Weight	21.61lbs or 9.8 kg
Temperature	-4°F to 158°F or -20°C to 70°C
Power consumption	125W

AT14040

(Optional) DVI female to HDMI male adapter to allow for the use of a DVI device

PACKAGE CONTENTS

- 1 x AT-PRO2HD1616M
- 2 x 24V/6.25A DC adaptor
- 2 x Power cord
- 17 x IR Extender
- 17 x IR Emitter
- 1 x Remote control
- 1 x User Manual

Choose between these 2 optional extenders to go with your PRO2HD Matrix product

AT-PRO2HDREC - HDMI Extender over CAT5e/6/7

AT-PRO2HD1616M-RX - HDMI Extender over CAT5e/6/7 **w/audio de-embedding**

atlona.com