

# Atlona HDMI Extender over single CAT5e/6/7

AT-PRO2HDREC & AT-PRO2HD1616M-RX



Extends IR, RS-232, audio and video content between sources and displays when used in tandem with a PRO2HD matrix switchers. With pass through support of up to 1080p or 1920x1200, 3D, 2Channel and Multi-channel audio, bidirectional RS-232 and IR signals. These extenders allow almost any audio/visual system set up to be used.



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



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

## Go Further

Extend IR, RS-232, audio and visual content up to 330ft (@ 1080p) over a single high quality CAT5e/6/7 cable.

## High Digital Performance

Pass through resolutions up to 1080p or 1920x1200 and audio formats from Lossy to Lossless multi-channel audio. *Includes Dolby TrueHD, DTS-HD Master Audio and 3D signals.*

## Bidirectional Control

With both an IR IN port and an IR OUT port send or receive commands through an IR remote control or 3rd party IR controller

## Audio De-embedding \*AT-PRO2HD1616M-RX exclusive\*

With the AT-PRO2HD1616M-RX de-embed 2Channel and Multichannel audio to be passed to an amp through 3.5mm S/PDIF or Stereo Audio ports.

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## SPECIFICATIONS

Bandwidth frequency  
Resolution outputs

6.75 Gbps  
Video: up to 1080p@60Hz  
Vesa: up to 1920x1200  
-4°F to 158°F or -20°C to 70°C  
Compliant

Temperature  
HDCP

### AT-PRO2HDREC

Input Ports

1 x CAT5e/6/7  
1 x IR 3.5mm  
1 x HDMI (Female type)  
1 x IR 3.5mm  
1 x RS-232

Output Ports

.94x2.75x2.88 (inch) or 23.88x69.85x73.15 (mm)  
.3lbs or .14kg  
6W

Dimensions (HxWxD)

Weight

Power consumption

### AT-PRO2HD1616M-RX

Input Ports

1 x CAT5e/6/7  
1 x IR 3.5mm  
1 x HDMI (Female type)  
1 x IR 3.5mm  
1 x RS-232  
1 x Stereo audio  
1 x S/PDIF

Output Ports

.98x4.02x7.09 (inch) or 25x102x180 (mm)  
.8lbs or .36kg  
6.5W

Dimensions (HxWxD)

Weight

Power consumption



(Optional) USB Power

## PACKAGE CONTENTS

### AT-PRO2HDREC

- 1 x AT-PRO2HDREC
- 1 x 5V/2.6A Universal DC adaptor
- 1 x Power Cord
- 1 x IR 3.5mm Receiver
- 1 x IR 3.5mm Emitter
- 1 x 3.5mm RS-232 to 9pin RS-232 adaptor
- 1 x User Manual

### AT-PRO2HD1616M-RX

- 1 x AT-PRO2HD1616M-RX
- 1 x 5V/2.6A Universal DC adaptor
- 1 x Power Cord
- 1 x IR 3.5mm Receiver
- 1 x IR 3.5mm Emitter
- 1 x User Manual



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