

# Atlona AT-DVIF30S Multimode Fiber Optic DVI Extender ( Transmitter )

## Miniature Multimode Fiber Optic DVI Transmission System ( Transmitter unit only ). Model: AT-DVIF30S

Atlona Technologies’ new AT-DVIF30S ( Transmitter ) and AT-DVIF30R ( Receiver ) unit is a low cost, Fiber Optic HDMI Extension kit. This extremely small and high performance unit will carry a single DVI video signal, bi-directional stereo audio and 2 channels of RS-232 through one multimode fiber. This UL/CE approved Mini-HDMI fiber optic transmitter allows any HD display to extend that displays resolution up to 400m (1320FT) at WUXGA (1920x1200 @ 60Hz) and supports HDTV resolution up 1080p. Along with being HDCP compatible, Atlona’s AT-DVIF30SR is equipped with advanced digital fiber optic technology, which allows for self adjustment with no compression, bit reduction, or signal degradation. Multiple signals can also be run in a single conduit without crosstalk. These units support 12-bit color depth and have an 8dB input equalizer, which compensates losses over 5m (16ft.). ESD Protection on all I/O interfaces has been added to ensure quality assurance. With this embedded self-adjustment and no power cord needed, quick and easy set up is as simple as plug and play. With use of Fiber Optics, rather than CAT, these US manufactured product is perfect for government and hospitals. Signal flow through Fiber will not interfere with medical equipment or power generators. In the case of government use, Fiber is more beneficial for security purposes. While CAT5 can be spliced in order to extract information, Fiber cannot be interrupted, keeping information safe. The AT-DVIF30S is compatible with other Atlona product AT-HDF30R ( HDMI receiver ) and AT-RGBF30R (for non HDCP signal only), this makes both fiber transmission and DVI-to-HDMI/RGB/YPbPr conversion in one single setup. This extension kit is a perfect solution for Video Wall Presentations and all Digital Signage applications.

### Features:

- DVI 1.0 Compliant
- Supported signals:
  - Digital Video ( DVI )
  - Bi-Directional Stereo Audio
  - 2 Channel RS232
- Supported resolutions at 400M ( 1320FT )
  - PC : 1920x1200 (60Hz)
  - HDTV: 1080p/1080i/720p
- Supports HDCP/DDC Content
- No losses, no degradations, no crosstalk
- One Multimode ( SC type ) Fiber
- UL/CE/FCC approved product
- 12-bit color depth and 8dB equalizer
- MAC/PC compatible
- High secure signal transfer
- Compatible with AT-HDF30R and AT-RGBF30R
- USA made product

### Technical Specifications:

- Resolution: Up to 1080p@60Hz or 1920x1200@60Hz
- Connector: DVI Female Plug
- Protocol: HDCP/DDC Capable
- Audio Channel Capacity: 2
- Operating Mode: Unbalanced (Stereo Audio), Bi-directional
- Connector Terminal Block: Optical
- Fiber Type: Multimode
- Number of Fibers: 1
- Connector: SC
- Serial Data Channel Capacity: 2
- Signal Format: RS-232
- Data Rate: Up to 57.6kbaud
- Connector: Terminal Block
- Physical Dimension (H x W x D): 1.2” x 3.0” x 3.6”
- Power Level (max.): +5VDC @ 1.0A
- Operating Temperature: 0 to +50oC
- Humidity: 0 to 95% RH, non-condensing

### Package Includes:

- Atlona AT-DVIF30S x 1
- Power supply x 1 ( optional use )
- Mini Kit Cable ( RS232 x 2, Stereo Audio x 2 ) x 1
- Operation Manual x 1

### Warranty:

3 year manufacture warranty (parts and labor)

**FYI: for complete operation requires purchase of AT-DVIF30R, AT-HDF30R or AT-RGBF30R**