

# HD-TVI/AHD/HDCVI/CVBS Fiber Optic Extender

**ITEM NO.: HD401F4 HD-TVI/AHD/HDCVI/CVBS with RS485 Fiber Extender**



HD401F4 support 4 channel HD-TVI/AHD/HD-CVI/HD-TVI/CVBS 4-in-1 Video and Data signal over Fiber cable. Based on digital encoded technology which convert the AHD, HDCVI, HD-TVI or CVBS composite signals to optical signals to reach long distance up to 20KM.

## Features:

- Digital encoding technology
- Support HD-TVI/AHD/HDCVI/CVBS and RS485 data signal over fiber optical cable.
- Support resolution: 720p/25,30,50,60 1080p/25,30
- Single mode: 20KM, Multimode: 2KM
- Working distance up to 20KM.
- Built in LED indication.
- Plug and play, simple installation.



## LED Indication:

On: Power on  
Fiber: linking  
Video: input source detected

## Cable & Transmission Distance :

Link cable recommend use high quality FC Single – Mode Fiber optic cable. The transmission distance will be affected by different quality of Camera, DVR and BNC connector, cable, installation...etc.

**Specifications:**

ITEM NO.	HD401F4T	HD401F4R
Video Format	HD-TVI/AHD/HDCVI/CVBS	
Video Connector	BNC 50Mhz 75ohm	
Fiber Port	FC, single fiber, single/multimode mode	
Distance	0-20Km	
Input/output Wavelength	TX1310, RX1550nm	TX1550,RX1310nm
Input/output Level	> 500mVP-P	1Vp-p
TX Input Return Loss	> 15dB	
Input/output Impedance	75Ω	
Rx up/down time	< 0.8ns	
Rx Max. Jitter	< 0.2UI	
Video Capture Bandwidth	8bie	
Baud Rate	1200-9600bps	
BER	< 10 <sup>-9</sup>	
Operation Mode	Half Duplex	
Power	DC5V 1A	DC5V 1A
Power Consumption	≤5W	≤5W
Temperature	Operation: -40 to 75°C, Storage: -20 to 85°C, Humidity: up to 95%	
Dimensions mm	167mm x 133mm x 28.5mm (WxDxH)	
Weight	370g	370

RoHS CE FC 

Rev. A