

# AHD To Fiber Converter



8ch AHD +1 ch RS485+ Audio+ Phone

## JTD-Fiber Link-AHD-8

**JIETONG DIGITAL**

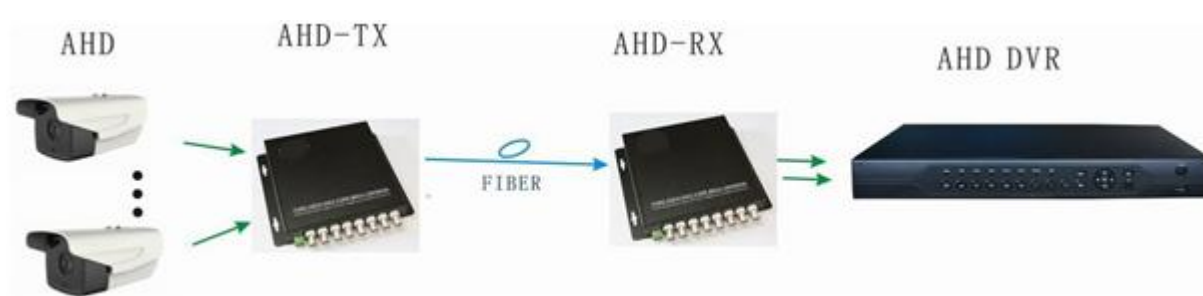
*GET CONNECTED*

## Overview

AHD TO Fiber Converter can simultaneously transmit 8 ch AHD +1 ch RS485+ Audio and Phone over one multimode or single-mode optical fiber. Electronic and optical adjustments are never required. LED indicators are provided for instantly monitoring system status. Devices are available for either standalone or rack-mount installation, which is suitable for different working environment. Compatible with AHD-H、AHD-M、AHD-L. Lossless non-compression real time transmission.

## Key features

- ✓ High definition, Lossless non-compression real time transmission
- ✓ Auto recognition of input video format as AHD-H、AHD-M、AHD-L
- ✓ UPnP, easy installation
- ✓ Constant input optical power, and large dynamic range, no electrical or optical adjustments required.
- ✓ Industry-grade of operating temperature from -30°C to 75°C
- ✓ Stand-alone type or card-type installed in 19" 4U rack-mount chassis.
- ✓ Optical interface: FC, ST, SC (optional)



## Specifications

### Technical characteristics

#### ✧ Optical:

Wavelength	1310nm&1550nm
Output Power	-6~-2dBm
Rx sensitivity	-22dBm
Transmission Distance	9/125u single mode, 20km
Optical connector	FC、ST、SC (optional)

#### ✧ Video:

Number of Channels	8
Input/output impedance	BNC 75Ω (unbalance)
Standard video input/output voltage	1.0Vp-p
Video Bandwidth	45MHz
Sampling Bandwidth	10bit
Sampling Frequency	108MHz
Rise and Fall time	<0.8ns
Optical Signal Intrinsic Jitter	<0.2 UI
Differential Gain	< ±1.5%
Differential Phase	< ±1°
Connector	BNC

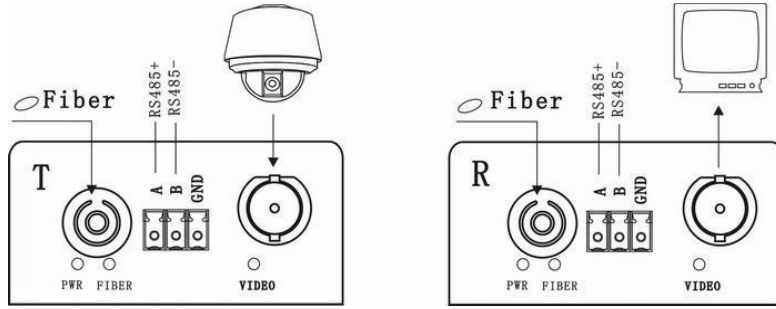
#### ✧ Data:

Data protocol	RS485
Data rate	0~200 Kbps
Error rate	< 10 <sup>-9</sup>
Connector	Standard terminal lead

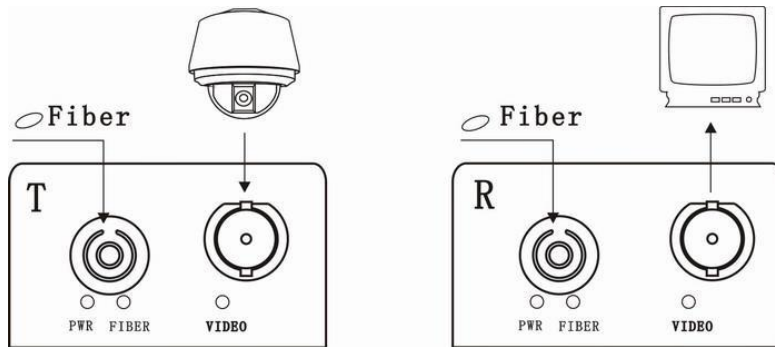
#### ✧ Other:

Power	DC5V 2A
Power Consumption	≤7W
Temperature	-30℃ ~75℃
Humidity	10%~90% RH
Unit Weight	1.5kg (pair)
Dimension	175mm×154mm×30mm
Package size	30×22×9cm
Installation	Wall mount
MTBF	≥ 100000Hours
Case material	Aluminum

✧ **With RS485 data:**



✧ **Without RS485 data:**



✧ **Stand Alone Dimensions:**

