

# HD Video Transmission via Fiber

## ➤ Mini 3G/12G-SDI Fiber Extender:



### Features:

1. Support SMPTE-292M(HD-SDI) and SMPTE-259M(SD-SDI);
2. Support SMPTE-424M(3G-SDI) ;
3. Support SMPTE-ST2081(6G-SDI) ;
4. Support SMPTE-ST2082(12G-SDI) ;
5. Distance is up to 10km over one SM Fiber;
6. 1x ST Fiber connector;
7. Micro USB or 3.5mm DC jack power supply;
8. Dimension is 19.55mm x19.55mm x 50 mm。



**SDI Source**



**SDI Fiber  
Transmitter**



**Fiber  
up to 10km**



**SDI Fiber  
Receiver**

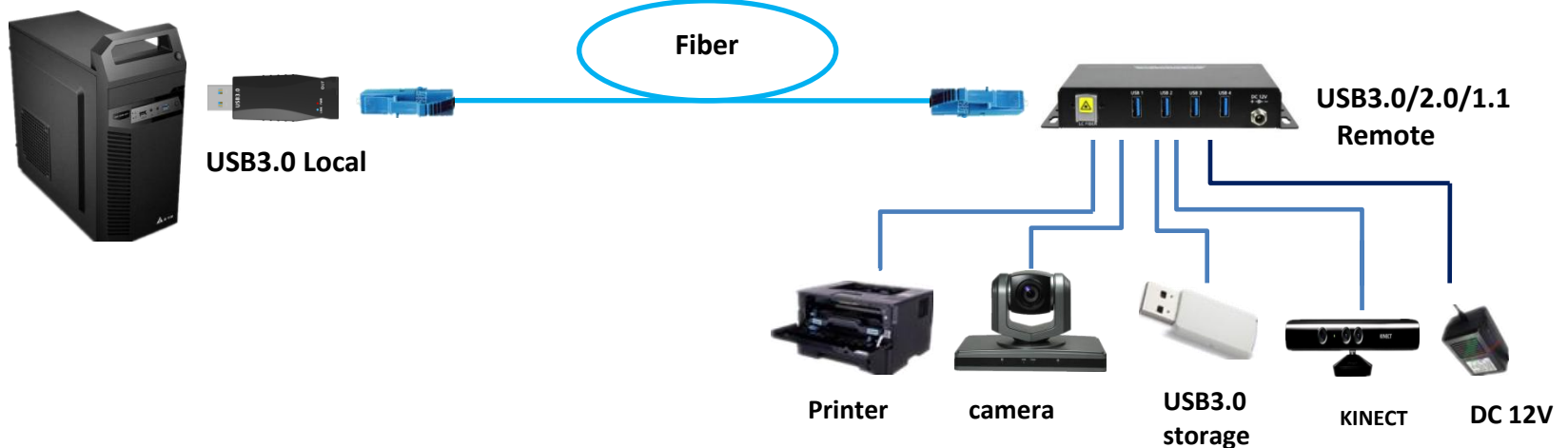


**SDI Display**

# USB3.1 Fiber Extender:

## Features:

- Local unit compatible with USB3.1 Gen 1, Does not compatible with USB2.0/1.1;
- Remote unit compatible with USB3.1Gen 1/2.0/1.1
- Distance up to 300m for USB storage devices;
- Distance up to 100m for USB3.0 cameras;
- Data rate up to 5Gbps;
- Over 1xLC Single-mode Fiber or OM3 multi-mode fiber;
- Integrated 4 port USB3.1Gen 1 hub, compatible with USB2.0/1.1 ;
- Support Kinect application;
- Host unit is MINI compact meatal house, plug in directly;
- No driver required ;
- Support Hot Plug;
- Device unit is powered by DC+12V power adaptor;



# USB3.1/2.0/1.1 Fiber Extender:

## Features:

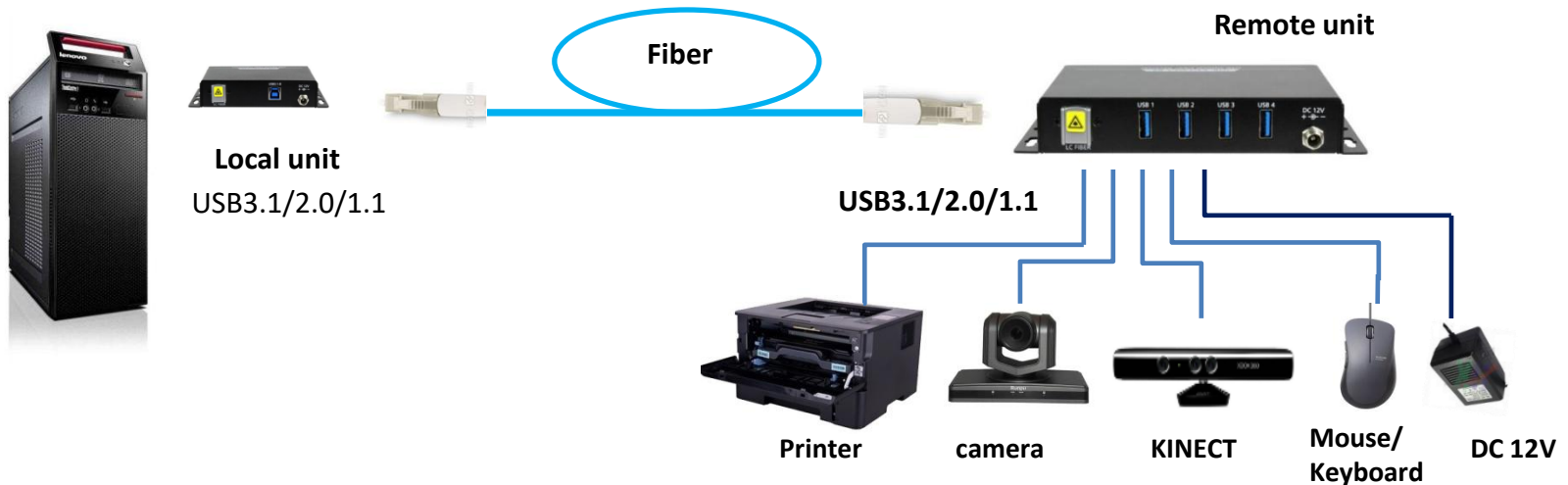
- Local unit compatible with USB3.1 Gen 1/USB2.0/1.1;
- Remote unit compatible with USB3.1Gen 1/2.0/1.1
- USB3.1 Gen 1 data up to 5Gbps;
- USB2.0 data up to 480Mbps,USB1.1 data up to 12Mbps;
- Integrated 4 port USB3.1 Gen 1 hub, supporting USB3.1/2.0/1.1 devices;
- Distance up to 300m for USB storage devices;
- Distance up to 100m for USB3.0 cameras;
- 1xLC single-mode fiber or OM3 multi-mode fiber ;
- Support Kinect application;
- Real-time transmission, no delay;
- DC+12V power supply;



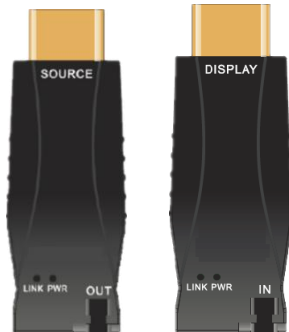
Remote unit



Local unit



## ➤ Mini-HDMI 1.4 Fiber Extender



### Features:

- 1) Compliant with HDMI1.4;
- 2) Resolution up to 3840\*2160/30Hz;
- 3) Extend the HDMI signal up to 300 meters over SMF Fiber;
- 5) Support DDC and HDCP pass-through transmission;
- 6) Detachable feature with 1x LC SM Fiber;
- 7) The modules are compact enough to directly plug to graphic sources and displays by adopting HDMI plugs;
- 8) +5V DC power Supply with Micro USB-B power connector;
- 9) Data security with negligible RFI/EMI emissions and loss of video quality due to no copper conductor present

## ➤ Mini-DVI Fiber Extender



### Features:

1. Support DVI resolution up to 1920\*1200/60HZ;
2. Support HDMI resolution up to 4k/30Hz;
3. Distance is up to or 2km over one SM Fiber;
4. Detachable feature with 1x LC multi-mode fibers;
5. Offers self-EDID programming feature;
6. The modules are compact enough to directly plug to graphic sources and displays by adopting DVI plugs;
7. Includes two (2) +5V DC power adapters for the transmitter and receiver ;
8. Data security with negligible RFI/EMI emissions and loss of video quality due to no copper conductor present ;

## ➤ HDMI 2.0 Fiber Extender with 10/100M Ethernet



### FEATURES:

- 1) CWDM Single Fiber Technology;
- 2) 6CH CWDM DFB lasers inside
- 3) Compliant with HDMI2.0,HDMI1.4 ;
- 4) Compliant with HDCP2.2(Transparent pass-through);
- 5) Extension distance up to 700 meters.
- 6) Transmit signal over one Single-mode
- 7) Uncompressed video up to 18Gb/s data rate
- 8) Resolution up to 4096 x 2160@60Hz;
- 9) Support two port 10/100M ethernet switch.
- 10) 1xLC Fiber Connector.
- 11) Bi-directional RS-232 and IR extension.
- 12) Zero frame delay.
- 13) DC +12V 1A Power Supply.

## ➤ DP1.4 Fiber Extender with 10/100M Ethernet



### FEATURES:

1. CWDM Single Fiber Technology.
2. 6CH CWDM DFB lasers inside
3. Compliant with DP1.2 and DP1.4 ;
4. AUX signal Transparent pass-through;
5. Extension distance up to 2000 meters.
6. Transmit signal over one Single-mode Fiber
7. Uncompressed video up to 32.4Gb/s data rate;
8. Maximum resolution up to 8k@30Hz ;
9. 1xLC Fiber Connector;
10. Support two port 10/100M Ethernet
11. Bi-directional RS-232 and IR extension.
12. Zero frame delay.
13. DC +12V 1A Power Supply

## ➤ 3G/12G SDI Video SFP Pathological Patterns



### FEATURES:

1. CWDM wavelength 1270-1610nm available
2. Support SMPTE-292M(HD-SDI) and SMPTE-259M(SD-SDI);
3. Support SMPTE-424M(3G-SDI) ;
4. Support SMPTE-ST2081(6G-SDI) ;
5. Support SMPTE-ST2082(12G-SDI) ;
6. Single Tx/Rx LC optical port;
7. Digital Diagnostic functions available through the I2C interface
8. +3.3V power supply