

EXTEND AN ULTRA-
HD 4KX2K 60HZ
4:4:4 HDMI
DISPLAY UP TO
3,280 FEET

4K 18GBPS HDMI
EXTENDER VIA
ONE LC
SINGLEMODE OR
MULTIMODE
FIBER OPTIC
CABLE



Contact our Technical Sales
Team for more details

NTI® NETWORK
TECHNOLOGIES
INCORPORATED

ITM
ITM Components

ITM Components

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Features

Signal transmission via single-strand single mode or multimode LC fiber optic cable.

Using single mode 9-micron cable, extend to 3,280 feet (1,000 meters).

Using multimode 50-micron cable, extend to 984 feet (300 meters).

Supports Ultra-HD 4Kx2K resolutions to 3840x2160 and 4096x2160 @30/50/60Hz YUV 4:4:4, and HDTV resolutions to 1080p @120Hz.

HDMI features supported:

HDMI 2.0

8-bit, 10-bit, and 12-bit Deep Color

Dolby True HD, DTS-HD Master Audio, Dolby Digital, Dolby Digital+, Dolby Atmos, LPCM 2/5.1/7.1CH, DTS 5.1, and DTS:X

YUV 4:4:4, 4:2:2, and RGB

Bandwidth up to 600 Mhz (18Gbps)

3D (1080p @60Hz)

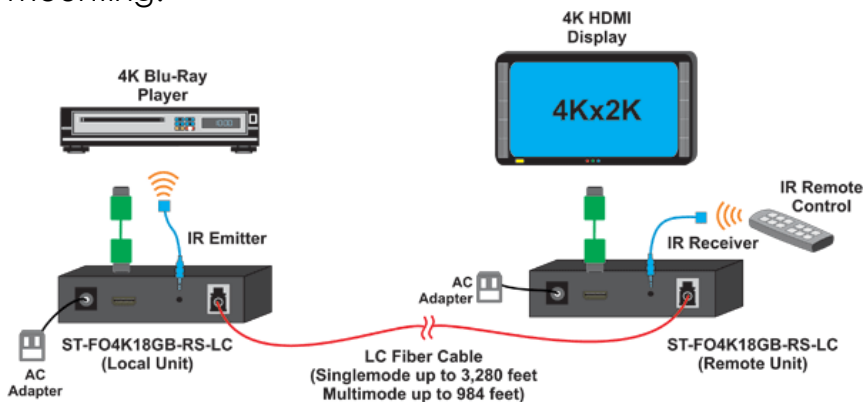
HDCP 2.2 and 1.4 compliant.

Bi-directional IR control from input and output locations.

Support full-duplex RS232 up to 115200 baud.

Plug-and-play functionality - no software needed.

Integrated mounting brackets for easy surface/wall mounting.



The XTENDEX® ST-FO4K18GB-RS-LC 4K 18Gbps HDMI Extender via Fiber Optic Cable locates an Ultra-HD 4Kx2K 60Hz 4:4:4 HDMI display, IR and RS232 up to 3,280 feet (1,000 meters) away from a 4K HDMI source using a single LC single mode fiber optic strand and 984 feet (300 meters) using multimode fiber optic cable. Each extender consists of a transmitter that connects to an HDMI source, and a receiver that connects to an HDMI display.