

BE-98F20

4K60 KVM over SFP Fiber

The BE-98F20 is a fully integrated HD with RS232 USB KVM Extender over SFP Fiber Module. The maximum resolution can support up to 4K60Hz in digital video lossless compression and delay-free transmission.



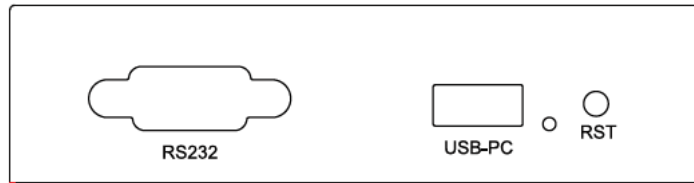
The BE-98F20TL Transmitter works with the HD and USB of source PC over SFP Fiber cable to the BE-98F20R Receiver of keyboard/mouse and monitor in resolution up to 4K UHD (3840 × 2160 @ 60Hz). The IR and RS-232 extension can be used for the TV, screen, Set-top box control as well.

The product is designed to work in the industrial environment of operating temperature -10 to 55°C. The standard SFP module for Single/Multi Mode fiber optic cable can be used, preserving signal integrity and providing excellent protection from electromagnetic interference (EMI). Compared to similar copper-based solutions, optical signal transmission provides inherent galvanic isolation and excellent immunity to electromagnetic interference. The units also feature metal enclosures, providing further protection against radiated noise.

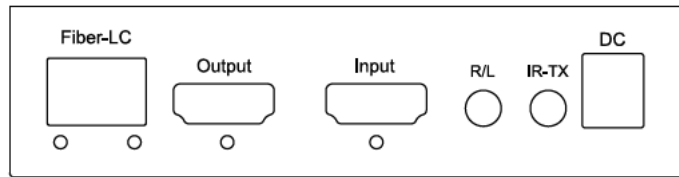
Features

- ❖ Extends 4K60Hz/HDCP2.2 with RS-232 and optional IR over fiber optic cable.
- ❖ Support 4K UHD (3840 x 2160 @ 60Hz) and 4K DCI (4096 x 2160 @ 60Hz).
- ❖ Transmitter unit support local loop-out.
- ❖ Transmitter built-in EDID.
- ❖ Support USB keyboard and mouse.
- ❖ Support Full duplex RS-232 bridge up to 115200 baud.
- ❖ Support optional IR bridge.
- ❖ Both Transmitter/Receiver support audio de-embedded to 3.5mm stereo output.
- ❖ Plug-and-play, no any additional software installation is required.
- ❖ FCC, CE, RoHS.

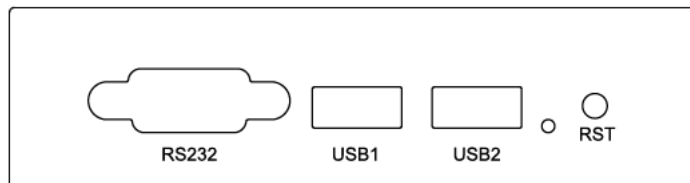
BE-98F20TL Front



BE-98F20TL Rear



BE-98F20R Front



BE-98F20R Rear



Specification

Model No.	BE-98F20TL	BE-98F20R
HD Input	1	N/A
HD Output	1 (loop-out)	1
RS-232	1	1
IR In/Out	1	1
Power	DC 5 V 2A	
Resolution	Up to 3840x2160@60Hz or 4096x2160@60Hz	
Inter-connect Cable	SM/MM Optical Fiber Cable (any standard 1.25G SFP)	
Tx/Rx Distance	Depending on the SFP module (Factory SM LC SFP 20km)	
Environment	Operating Temp.	-10 to 55°C
	Storage Temp.	-20 to 80°C
	Humidity	5 ~ 90% RH Non-condensing
Physical Properties	Material	Metal
	Dimension	106(L) x 106(W) x 17(H) mm

Diagram

