FIFE11PH-M

HighSecLabs DP/HDMI Secure Fiber
Extended KVM Isolator up to 10KM 4K 30hz

| HDMI

FIFE11PH−M is a secure, NIAP certified extended isolator that enables secure unidirectional and filtered long−distance extension of computer video and keyboard/mouse signals, while preventing vulnerable peripherals from compromising network security

FEATURES

Fiber or copper cables connecting options, enable connection of up to 10km between the source and the console

Uses Valence high performance HD Base Technology that provides zero-latency between transmitter and receiver units

DP/HDMI combined connectors provide more flexibility in the connected devices, from both sides

High quality video support at 4K 30hz resolution

DP/HDMI combined connector allows connecting both types of cables – Display Port and HDMI

Video Security - Computer video input interfaces are isolated through the use of different electronic components, power and ground domains. The display is isolated by a dedicated, read−only, EDID emulation for each computer. Access to the monitor's Extended Display Identification Data (EDID) is blocked. Access to the Monitor Control Command Set (MCCS commands) is blocked

Keyboard & Mouse Security - The keyboard and mouse are isolated by a dedicated, USB device emulation for each computer

One-way, peripheral-to-computer data flow is enforced though communication from computer-to-keyboard/mouse is blocked

Non-HID (Human Interface Device) data transaction is blocked

Special holographic tampering evident labels on the product's enclosure provide a clear visual indication if the product has been opened or compromised

TECHNICAL SPECIFICATIONS

CONSOLE PORTS:	1 DP/HDMI 2 USB type−A for mouse and keyboard SFP (Supports OM2 and OM3 fibers)
COMPUTER PORTS	1 DP/HDMI 2 USB type−B for mouse and keyboard
Video	Resolution UHD 4K up to 3840x2160@30Hz Up to 10K (Depending on the GBIC type)
Power	Source 100 to 240 AC Consumption RX/TX: 12V DC
Supported OS	Windows, Linux, Mac
Environmental Conditions	Operating Temperature: 0ºC to 40ºC (32ºF to 104ºF) Storage Temperature: −20ºC to 60ºC (−4ºF to 140ºF) Operating Humidity : 20 to 80% non−condensing Storage Humidity: 10 to 90% non−condensing Altitude: 0 to 10,000 ft
Security	NIAP Common Criteria PP4.0 for Peripheral Sharing Device (PSD) devices − Pending
Product	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada