



# kramer

## 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



# kramer

## 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: 0°C to 40°C (32°F to 104°F)  Storage Temperature: -20°C to 60°C (-4°F to 140°F)  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

