

## Argon Rugged Digital Fiber Optic KVM Extender

Long Distance Extension of Video or USB for C4ISR Platforms



Transmitter



Receiver

**Argon** offers a digital rugged fiber optic extender package for Command & Control applications where long distance runs of DVI and USB signals are required. Argon's rugged Transmitter takes DVI and USB inputs from a local workstation, converts the signals, and transmits them over a fiber optic connection. On the downstream side, the rugged Receiver accepts the fiber optic input and reproduces the USB and DVI signals with virtually no latency. Together, the extender set provides excellent two way communication. This allows a workstations keyboard, pointing device, and display to be located up to 400m away.

Argon's Rugged Fiber Optic Extender product provides reliable, low-latency transmission and implements an effective solution for remote placement of operator displays and input devices.

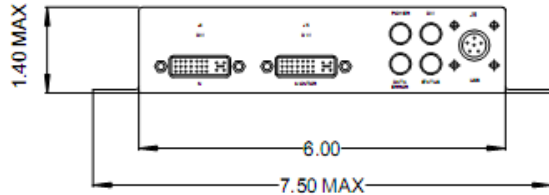
These units are typically sold in conjunction with our rugged KVM Switch.

### Main Features

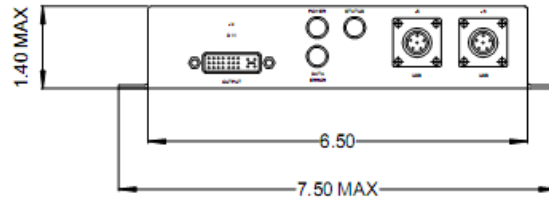
- Remote Placement of Operator Displays and Input Devices
- Long Distance USB and DVI runs up to 400m
- Local Loopback at Transmitter
- Video Resolution up to 1900 x 1200 @ 60Hz
- Remote DDC Support
- AC & DC Power Inputs

Argon Corp has over 28 years of experience designing, producing and supporting a variety of rugged computing and display solutions that serve land based, naval and airborne applications. These solutions are also suitable for adjacent applications where extreme, combat like environments are present, such as oil and gas exploration, and mining activities.

Argon has developed a standing reputation for working with customers to design custom solutions and reliable products. Add to this extensive industry knowledge and Argon is a partner you can trust.



Transmitter



Receiver

### Technical Specifications for Rugged Fiber Optic Extender

<b>Functional</b>	
Computer Ports	1x DVI, 1xUSB2.0 (multiplexed USB for keyboard & pointer)
Communication	DVI-I, USB 2.0, Fiber Optic
Max Resolution	1900x1200 @ 60Hz
Control	Automatic, DDC Supported
Device Support	HID
<b>Overall Unit</b>	
Dimensions (Typical)	TX: 9.5" x 7.5" x 1.4"      RX: 10.3"x7.5"x1.4"
Weight	TX 2.00 lbs                      RX 2.25 lbs
Power Input	110/220VAC Input
Power Consumption	5W Max
Connectors	MIL Circular / DVI-I / Rugged Fiber Optic
Enclosure	Aluminum, Enclosed
<b>Environmental</b>	<b>Meets, but not Limited to, the Following Specifications</b>
Operating Temp	0°C to +60°C
Storage Temp	-40°C to +70°C
Shock	MIL-STD-901D, Grade A
Vibration	MIL-STD-167-1, 33Hz
EMI/EMC	Designed to MIL-STD-461E
Altitude	20k ft Operating, 40k ft Non-Operating
Humidity	Operating & Storage : 95%, 25°C Condensing