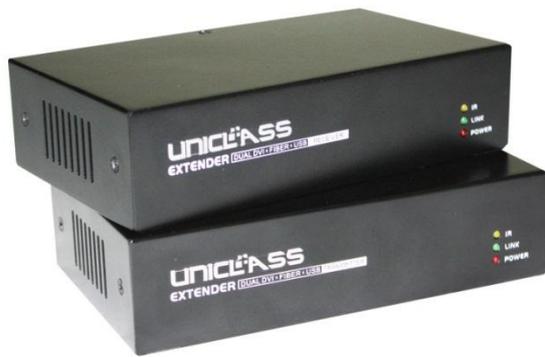# Dual Monitors DVI USB KVM Extender over Fiber
UDF51KU

With latest Fiber Optic technology, your dual-monitors video signal can be extended up to 1000M!

Front View of TX and RX   **Rear View of TX and RX**

UDF51KU Dual Monitors DVI USB KVM Extender over Fiber utilizes the fiber-optic technology to extend your remote KVM dual head with DVI video upward to 1000M. This cost-effective Dual Monitors DVI USB KVM Extenders over Fiber can well extend your dual DVI video as well as keyboard and mouse control far away over two sets of two fiber-optic cables (multi-mode fibers) from its computer source. They are capable of keeping a truly satisfying signal quality across such a long distance. UDF51KU Dual Monitors DVI KVM Extender over Fiber provides USB connectivity support for computer connection on both Transmitter (TX) and Receiver (RX) end.

UDF51KU Dual Monitors DVI KVM Extender actually comprises a pair of two disparate units –a Transmitter (TX) and a Receiver (RX). UDF51KU-TX is the transmitter unit for connection with a dual-monitors multimedia computer; while UDF51KU-RX is the receiver unit with a remote dual-monitors KVM console. These TX and RX units need to work in pair to extend your dual DVI video and keyboard/ mouse control up to 1000M.

UDF51KU Dual Monitors DVI USB KVM Extenders over Fiber are especially useful for setting up a remote dual monitors DVI KVM console extensible over a longer distance. Applicable either over an exhibition room, working floors, security room, locked server room, or other mission-critical scenarios, the Dual Monitors DVI USB KVM Extenders over Fiber allow you to locate your server physically far back from the user due to security or spatial concerns. Besides, unlike signal transmission over copper cable which is easily interfered by electrical noise, signal over fiber is not affected by these factors at all. Due to this distinguishing feature, fiber is perfect for data transmission in harsh environment, such as factory, railway station, and MRT station. Data can be correctly delivered without affected by frequent electrical noise.

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Optional mounting chassis, mountable power hub, and power cable for centralized deployment on server rack

With optional mounting chassis and power hub (See above image), two transmitters can be mounted on the server rack for central management. The power hub provides two transmitter power connections using special power cable (Optional. See below cable image.) This optional mounting set provides a neater and more convenient way for mounting and managing transmitters on server rack.

Features

- Dual Monitors DVI KVM Extender Set over Fiber w/ USB console support
- Extension distance upwards to 1000M
- Easy plug-and-play to extend your Dual Monitors DVI video, keyboard/ mouse control
- Support digital video resolution of 1920 x 1200@60Hz
- Multi-Mode fiber-optic cable w/ Duplex SC connectors support extension distance up to 1000M
- Total max. 2 x 6 Gbps bandwidth over 2 x 2-core fiber optic cable link
- Transmit the remote controller IR signal using IR blasting function (Optional)

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Specifications

Model No.	UDF51KU-TX Transmitter Unit	UDF51KU-RX Receiver Unit
Max. Computer Source	1	-
Connectors	2 x DVI female 2 x Duplex SC fiber-optic connectors 1 x IR-OUT (for remote IR control) 1 x Mini USB port (connect to computer & TX firmware upgrade) 1 x DC 5V power receptacle	2 x DVI female 2 x Duplex SC fiber-optic connectors 1 x IR-IN (for remote IR control) 1 x USB Type A (keyboard connection) 1 x USB Type A (mouse connection) 1 x Mini USB port (only for RX firmware upgrade port) 1 x DC 5V power receptacle
LEDs	1 x Power (Red) 1 x Link (Green) 1 x IR (Orange)	
Fiber Media	50/125 Multi-Mode Fiber x 4	
Keyboard/ Mouse Connectivity Support	USB	
VGA Resolution	1920 x 1200 – 1000M	
Operation Temperature	0 ~ 40°C	
Storage Temperature	- 20 ~ 60°C	
Humidity	0~90% RH, non-condensing	
Size	Desktop	
Housing	Metal enclosure	
Power Adapter	DC 5V	
Safety/ Emission	FCC, CE	

Ordering Information

UDF51KU	Dual Monitors DVI KVM Extender over Fiber w/ USB Console
EX-025R	Mounting Chassis
EX-025P	Power Hub
CAB-2201	Power Cable

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