

# Div 2 KVM extender kit

## SK-KVM-xxx-FW-20-CR-N Series



- Locate an operator workstation up to 400 m from server or pc
- Operate keyboard, mouse, and monitor safely in a Div 2 hazardous area
- Automatic skew compensation
- Supports multimode fiber-optic cables

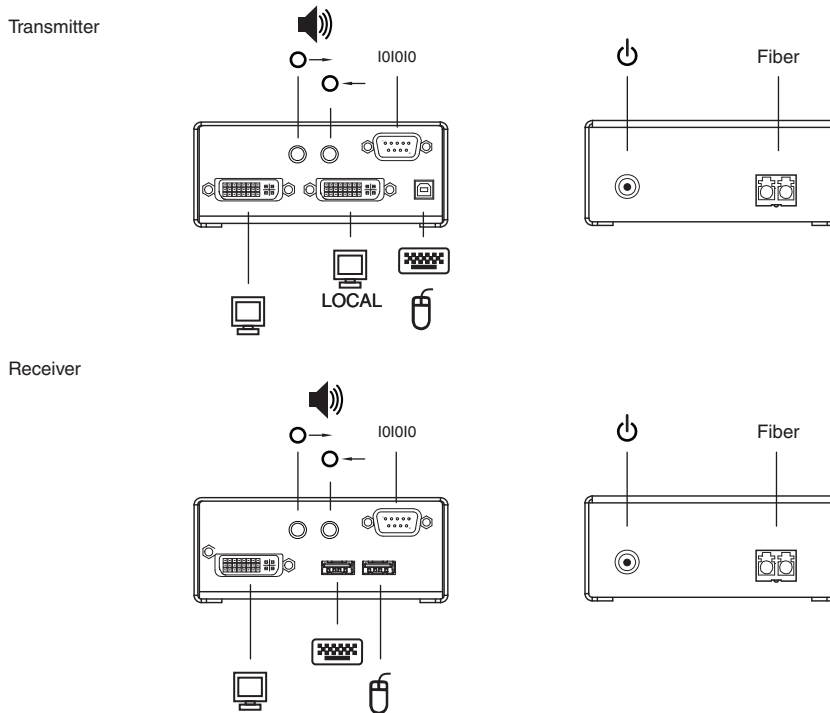
### DVI to fiber KVM kit



### Function

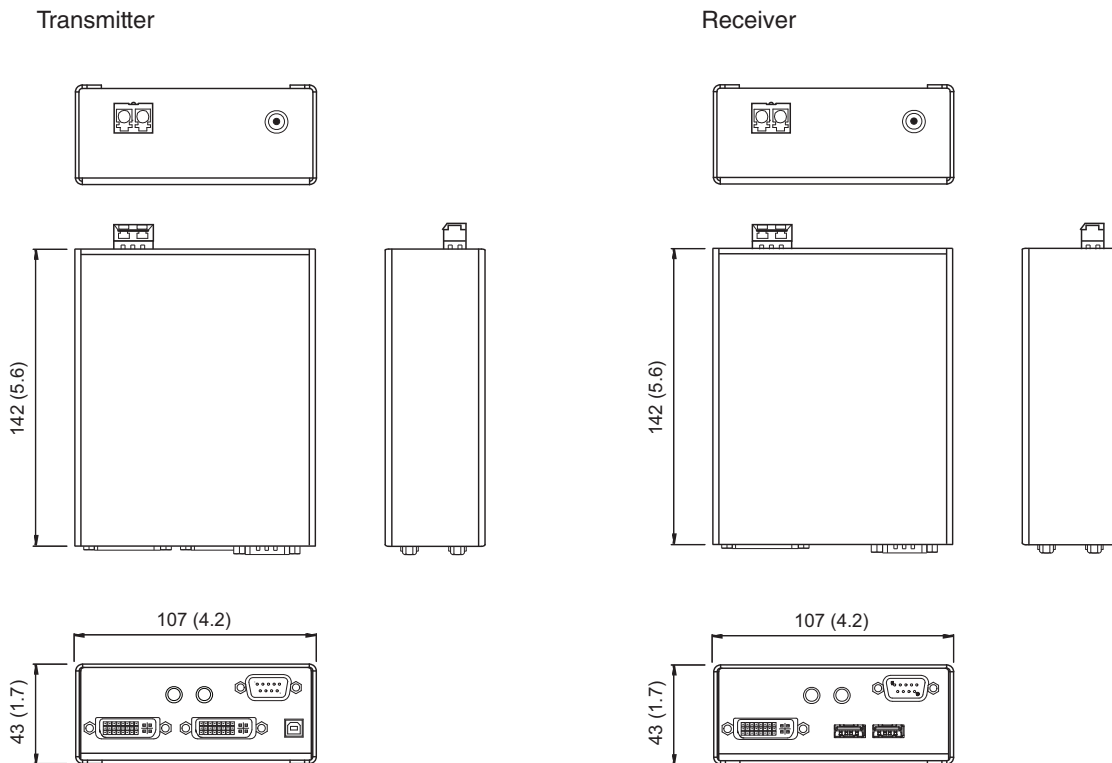
The Pepperl + Fuchs KVM extender SK-KVM-xxx-FW-20-CR-N is a DVI to Fiber converter for use in Division 2 Hazardous areas. The system consists of two units, a transmitter and a receiver. The transmitter connects to your CPU. The receiver connects to a USB keyboard, DVI-D monitor, and USB mouse or KVM station. The transmitter and receiver are connected together with fiber optic cable.

### Connection



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## Dimensions



## Technical Data

General specifications	
Resolution	Maximum resolution: 1920 x 1200 @ 60 Hz
Distance	200 m (650 ft) 62.5 µm multimode 400 m (1300 ft) 50.0 µm multimode
Supply	
Power consumption	5 V DC @ 10 W max
Indicators/operating means	
Indicators	Front panel: power Video check: LED
Input devices	29-pin DVI-D 2 x USB Type A (keyboard and mouse/touchscreen) 1 x RS232 (touchscreen) fiber optic (multi-mode) - LC connectors
Serial data	
Baud rate	19.2 KBd max
Flow control	RTS, CTS, DTR, DSR
Audio data	
Drive capability	5 V p-p
Impedance	47 kΩ
Connector type	3.5 mm stereo jack
Transmission method	16 bit, 38.4 KHz digitized audio
Speaker	powered
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN 55024, EN61000-3-2, EN61000-3-3, IEC6100-4-2, IEC6100-4-3, IEC6100-4-4, IEC6100-4-5
Low voltage	
Directive 73/23/EEC	EN60950
Ambient conditions	
Operating temperature	0 ... 50 °C (32 ... 122 °F)
Storage temperature	-25 ... 60 °C (-13 ... 140 °F)

## Technical Data

### Mechanical specifications

Mass	0.3 kg
Dimensions	105 mm x 133 mm x 35 mm (4.1 inch x 5.3 inch x 1.4 inch)

### International approvals

UL approval	UL Class I/Div 2
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Type code



- CPU** Transmitter
- MON** Receiver
- KIT** Transmitter and receiver
- NR** VGA signal over CAT5; PS2, Serial
- CW** DVI signal over CAT5; USB, Serial
- FW** DVI signal over fiber; USB, Serial

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