

Div 2 KVM extender kit SK-KVM-xxx-CW-20-CR-N Series



- Locate an operator workstation up to 120 m from server or pc
- Operate keyboard, mouse, and monitor safely in a Div 2 hazardous area
- Transparent operation between computer and monitor
- Automatic skew compensation

DVI to CAT5 KVM kit

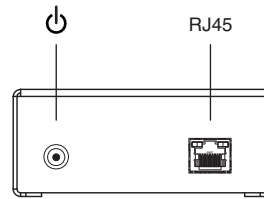
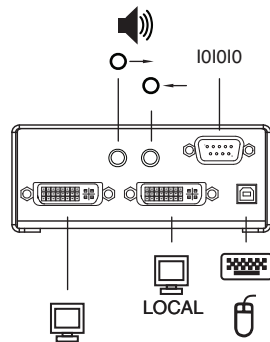


Function

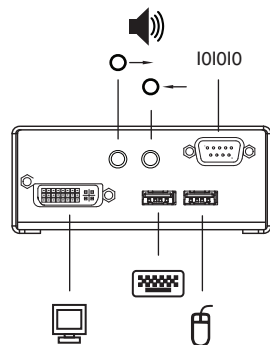
The Pepperl + Fuchs KVM extender SK-KVM-xxx-CW-20-CR-N is a CAT 5 to DVI/USB converter for use in Division 2 Hazardous areas. The system consists of two units, a transmitter and a receiver. The transmitter connects to your CPU. The receiver connects to a USB keyboard, DVI-D monitor, and USB mouse or KVM station. The transmitter and receiver are connected together with CAT5 Ethernet cable.

Connection

Transmitter

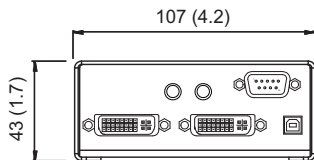
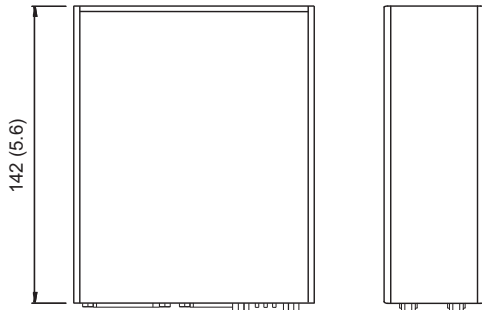
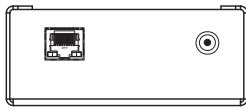


Receiver

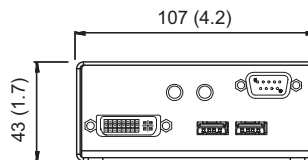
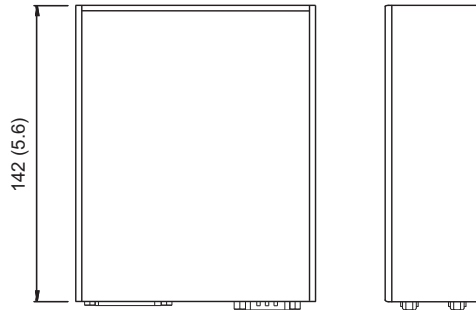


Dimensions

Transmitter



Receiver



Technical Data

General specifications

Resolution	Maximum resolution: 1920 x 1200 @ 60 Hz
Distance	120 m (400 ft)

Supply

Power consumption	5 V DC @ 10 W max
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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) 1 x RJ45 (CAT5e/6)

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)

Mechanical specifications

Technical Data

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

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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