

Features

- 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

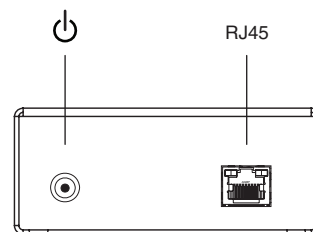
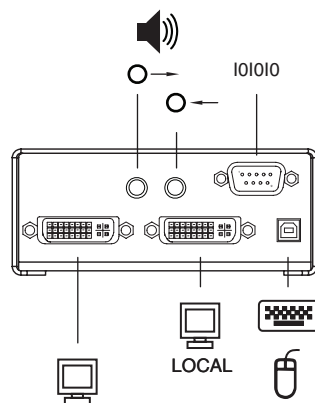
Application

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.

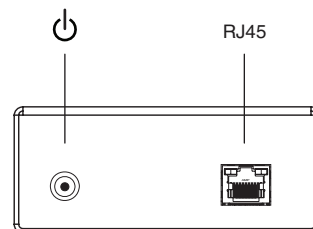
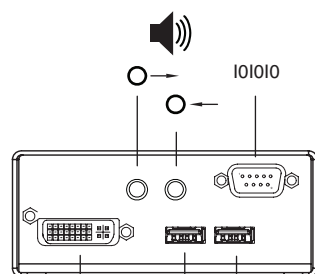


Connection

Transmitter



Receiver



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Subject to reasonable modifications due to technical advances.

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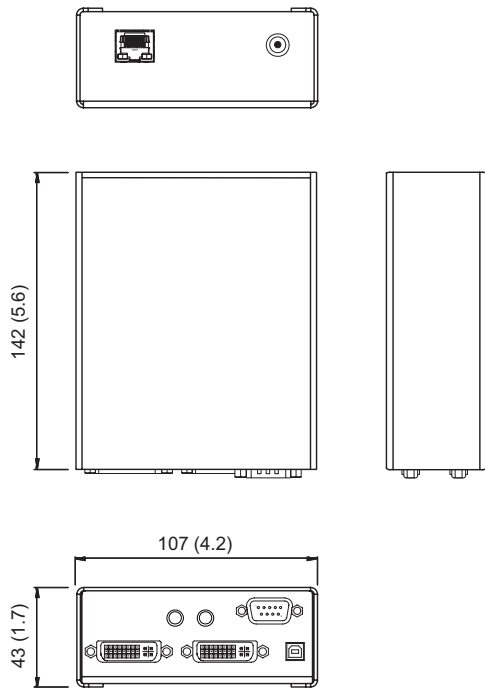
General specifications	
Resolution	Maximum resolution: 1920 x 1200 @ 60 Hz
Distance	120 m (400 ft)
Supply	
Power consumption	5 V DC @ 10 W max
Indicators/operating means	
Indicators	Front panel: power Video check: LED
Input devices	29-pin DVI-D 2 x USB Type A (keyboard and mouse/touchscreen) 1 x RS232 (touchscreen) 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	
Mass	0.3 kg
Dimensions	105 mm x 133 mm x 35 mm (4.1 in x 5.3 in x 1.4 in)
International approvals	
UL approval	UL Class I/Div 2

Supplementary information

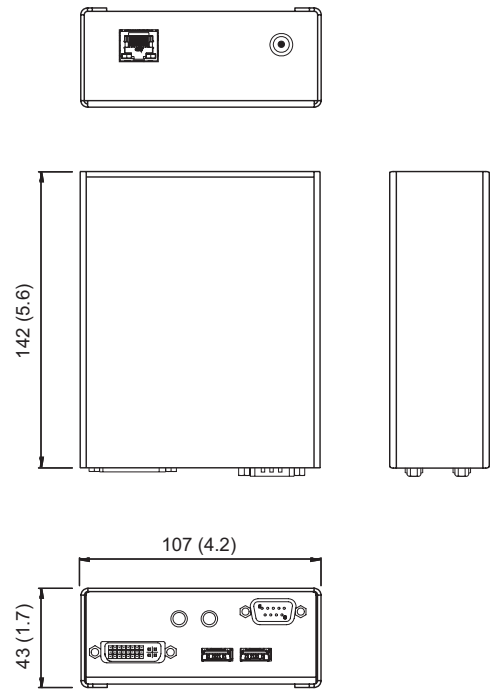
Statement of Conformity, Declaration of Conformity and instructions have to be observed. For information see www.pepperl-fuchs.com.

Dimensions

Transmitter



Receiver



Type code

S	K	-	K	V	M	-				-			-	2	0	-	C	R	-	N
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CPU
MON
KIT

Transmitter
Receiver
Transmitter and receiver

NR
CW
FW

VGA signal over CAT5; PS2, Serial
DVI signal over CAT5; USB, Serial
DVI signal over fiber; USB, Serial