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Excellence · Innovation

IDD-LINK4-T
IDD-LINK4-R



Shanghai Panelmate Electronics Co., Ltd.

IDD-LINK4 KVM Extender



Features

- Compacted aluminium-magnesium alloy profile house,sealed & dust proof design
- Unilateral interface with DIN rail wall-mounted
- DC 24V power supply, industrial standard design
- Compatible with Beckhoff CP-LINK4, Siemens IFP V2 and B&R SDL4
- Match with PC6960 Box PC
- Match with IDD series industrial touch monitors

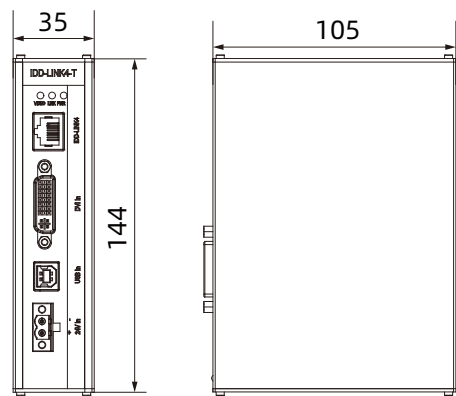
Product overview

In the field of automation, electromagnetic interference is ubiquitous, which will lead to the unstable operation of keyboard and mouse, HMI touch failure,as well as screen with snow stripe or intermittent black screen by electromagnetic interference when USB and DVI signal exceed 10 meters or even 5 meters.IDD-Link4 is composed of transmitting end transmitting box (IDD-LINK4-T) and receiving box(IDD-LINK4-R) The transmission distance of USB and DVI signals can be up to 100 meters without any delay.

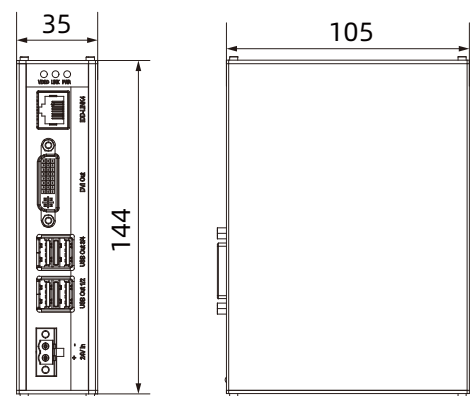
Specifications

Model		IDD-LINK4-T (transmitter)	IDD-LINK4-R (receiver)
Physical	Material	Aluminum-magnesium alloy housing	
	Dimension (WxHxD)	144mmx105mmx35mm (5.67"x 4.13"x1.38")	
	Net Weight	0.39kg	0.44kg
	Mounting	DIN rail wall-mounted	
Power	Input Voltage	DC 24V	
	Power	15W	
I/O	Interface	1xDVI-D+1xUSB-B+1xRJ45+1xDC IN	1xDVI-D+4xUSB2.0+1xRJ45+1xDC IN
	Video interface	1xDVI-D (input)	1xDVI-D (output)
	USB	1xUSB-B (input)	4xUSB2.0 (output)
	Network (LAN)	1xRJ45 (output)	1xRJ45 (input)
Transmission mode	Transmission signal	DVI+USB2.0	
	Auxiliary harness	Standard: USB cable (1m) , DVI cable (0.7m)	
	Transmission distance	100 m	
Environment	*Avoid long time exposure of IDD-LINK4 to direct sunlight; Otherwise, the temperature inside of IDD-LINK4 will exceed the permitted level.It is should be using indoors.		
	Operating Temperature	-20~70℃	
	Storage Temperature	-40~85℃	
	Relative Humidity	5~90% (Non condensation)	
	Shock	Operating 10G peak acceleration(11 ms duration), follow IEC 60068-2-27	
	Vibration	Operating Random Vibration Test 5~500Hz, 1Grms@with HDD;2Grms@with SSD, follow IEC 60068-2-64	
	EMC	CE/FCC Class A	
	Protection	IP20	

Technical Drawings unit: mm

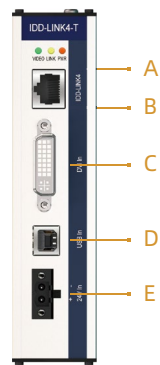


IDD-LINK4-T



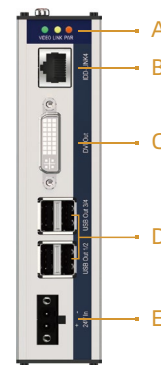
IDD-LINK4-R

External I/O View



IDD-LINK4-T transmitter

Interface definition:
A: Pilot lamp: PWR/LINK/VIDEO
B: RJ45 (IDD-LINK4)
C: DVI In
D: USB In
E: DC 24V



IDD-LINK4-R receiver

Interface definition:
A: Pilot lamp: PWR/LINK/VIDEO
B: RJ45 (IDD-LINK4)
C: DVI Out
D: 4 x USB Out
E: DC 24V

Ordering Information

Part Number	Description
IDD-LINK4-T	KVM Extender (transmitter) / DC 24V
IDD-LINK4-R	KVM Extender (receiver) / DC 24V

Optional Accessories

DVI to DVI	1.5m/ 2m/ 3m/ 5m
USB A to B	1.5m/ 2m/ 3m/ 5m
Net cable	5m/ 10m/ 15m/ 20m

Packing List

Terminal	2 x 2 pin Terminal
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Note: Package contents are subject to change without prior notice