

USB Rover[®] 1650/2650

Please see the USB Rover 1850 for new designs.



USB Rover 1650 and 2650 extends USB 1.1 connections beyond the desktop up to 50 meters over Cat 5 cable.

USB Rover 1650/2650 Features

The USB Rover 1650 and 2650 are compact USB 1.1 extension systems ideal for use with peripherals such as keyboards and mice.

- Requires no external power adapter.
- Transmits power and data over the same Cat 5 cable.
- Contains internal USB hub.
- Provides support for any full-speed (12 Mb/s) or low-speed (1.5 Mb/s) USB device.
- System includes local and remote units, USB cable and user guide.



Applications

- Automotive Telematics
- Digital Signage
- Home Network Integration
- Industrial Control
- KVM Extension
- Remote Desktop USB Connections
- Security: web camera, access control.
- USB Device Sharing: print, scan, storage.

Ordering Information

The USB Rover 1650/2650 system includes a Local Extender (LEX) module, a Remote Extender (REX) module and a 2 meter USB cable.

Name	Part Number	Description
USB Rover 1650	00-00084	1-Port Extender Not recommended for new designs. Please see USB Rover 1850.
USB Rover 2650	00-00085	2-Port Extender

Product Specifications

Range	50 m (165 ft) over Cat 5 UTP stranded or solid conductor cable
Number of USB device ports (REX)	Rover 1650: 1 Rover 2650: 2
USB device support (connected directly to REX)	Any full-speed (12 Mb/s) or low-speed (1.5 Mb/s) device
USB hub support	Up to 3 hubs can be connected in series with the Rover 1650/2650. Each hub reduces the maximum range by 10 m.
Maximum power available to USB at REX	300 mA when LEX is supplied with 500 mA
USB cable	2 m (6.6 ft)
LEX connector (upstream)	1 x USB Type B
LEX connector (downstream)	1 x RJ45
REX connector (upstream)	1 x RJ45
REX connector (downstream)	Rover 1650: 1 x USB Type A Rover 2650: 2 x USB Type A
LEX dimensions	100 mm x 70 mm x 30 mm (4.0" x 2.8" x 1.2")
LEX weight	0.1 kg (0.2 lb)
REX dimensions	100 mm x 70 mm x 30 mm (4.0" x 2.8" x 1.2")
REX weight	0.1 kg (0.2 lb)
Total system shipping weight	0.4 kg (0.8 lb)
Operating Temperature range	0°C to 40°C
Regulatory testing	FCC, CE Class A

Specifications subject to change without notification.

Contact Icron Technologies at sales@icron.com for more information.