



USB Ranger[®] 2212

Cat 5 USB 2.0 Extender with Remote Power




Ranger 2212 extends USB 2.0 beyond the desktop up to 100m over standard Cat 5 cable using ExtremeUSB[®] technology.

Ranger 2212 Features

- System delivers power to remote hub over Cat 5 extension link simplifying installation and eliminating the need for AC power close to the remote unit.
- Powered by ExtremeUSB[®]. Long reach USB 2.0 enabled by Icron's LionsGate[™] USB 2.0 Extension ASIC.
- Extends USB 2.0 high-speed and USB 1.1 (low-speed, full speed) devices up to 100m over Cat 5 cable.
- Operates with USB 2.0 high-speed host controllers and USB 1.1 classic hosts.
- Supports all USB device types: Control, Interrupt, Bulk and Isochronous at up to 480Mbps.
- True plug and play, ready to operate right out of the box. No new driver installation required.
- Supports all major operating systems including Windows[®], Mac OS[®], and Linux[®].
- Integrated hub provides two USB 2.0 ports. Number of devices can be increased using additional USB hubs.
- Remote unit provides standard 500mA to each USB port.
- Ideal for a wide variety of USB devices, from printers, scanners, hard drives, and audio devices, to touch screens, web cams, and game controllers.



Powered by 

USB Ranger® 2212

Applications

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

Ordering Information

The Ranger 2212 system includes a Local Extender (LEX) module, a Remote Extender (REX) module, a 2 meter USB cable, and an International power adapter with country specific cord.

| Name | Part Number | Description |
|------------------|-------------|---|
| USB Ranger® 2212 | 00-00252 | 2-Port Remote Powered Cat 5 USB 2.0 Extender, International (100-240V) Power Adapter: North American plug |
| USB Ranger® 2212 | 00-00253 | 2-Port Remote Powered Cat 5 USB 2.0 Extender, International (100-240V) Power Adapter: European plug |
| USB Ranger® 2212 | 00-00254 | 2-Port Remote Powered Cat 5 USB 2.0 Extender, International (100-240V) Power Adapter: UK plug |
| USB Ranger® 2212 | 00-00255 | 2-Port Remote Powered Cat 5 USB 2.0 Extender, International (100-240V) Power Adapter: Australian plug |

Product Specifications

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|---------------------------------|--|
| Range | 330 ft (100m) over Cat 5e (or better) cable |
| LEX unit USB connector | 1 x USB Type B |
| LEX unit Link connector | 1 x RJ45 |
| REX unit Link connector | 1 x RJ45 |
| REX unit USB connector | 2 x USB Type A |
| Maximum USB devices supported | 14 USB devices or 3 USB hubs with 11 USB devices |
| Power adapter Maximum Rating | 24V DC @ 1A (LEX only) |
| Current available to USB at REX | 2 x 500mA |
| LEX and REX unit dimensions | 3.94" x 2.99" x 1.02" (100 mm x 76 mm x 26 mm) |
| Operating temperature range | 0°C to 50°C |
| Total system shipping weight | 2.2 lbs. (1.0 kilograms) |
| Regulatory testing | FCC (Class B), IC (Class B), CE (Class B) |
| ESD Rating | EMC EN-61000-4-2:2001 4kV Contact, 8kV Air |

Specifications subject to change without notification.