

USB 3.0 Spectra™ 3001-15

1-Port USB 3.0 15m Active Extension Cable

The USB 3.0 Spectra™ 3001-15 is a 15 meter (49.21 ft) active copper cable that extends a SuperSpeed USB 3.0 device.



Features

Take advantage of USB 3.0's blazing 5Gbps speeds extended 15 meters over active copper cabling. This rugged SuperSpeed cable offers flexibility in extending USB 3.0 devices in commercial and industrial locations such as machine vision cameras, security cameras, and storage drives. Key features include:

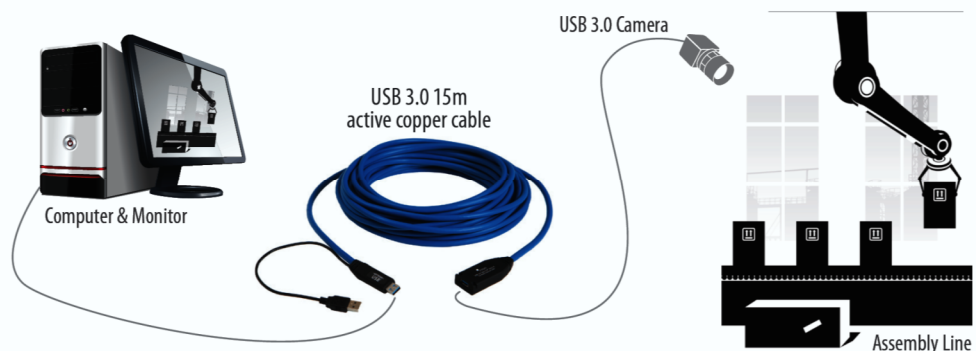
- USB 3.0 extension for 15m
- Supports USB 3.0 throughputs up to 5Gbps
- Bus powered from host computer, no external power supply needed
- USB 3.0 device port provides 5V, 900mA power
- Second USB 3.0 power connector for use if additional power is required
- Locking USB connector
- Slots on device port for convenient cable tie mounting
- Rugged grade cabling
- Status LED at device port with power, enumeration and over-current indication
- Works with AIA USB3 Vision™ compliant devices

Includes the ExtremeUSB® suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, Mac OS X®, and Linux®

Applications

- Machine vision camera extension
- Security camera extension
- Post-production editing
- Remote storage drives



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USB 3.0 Spectra™ 3001-15 Specifications



Locking USB Receptacle

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RANGE

Active Copper Cable: 15m (49.21 ft)

SPEEDS

USB 3.0: Up to 5Gbps (Not backward compatible with USB 2.0/1.1)

PHYSICAL

USB Connector on Device Side: 1 x USB 3.0 Type A Locking Receptacle

USB Connectors on Host Side: 1 x USB 3.0 Type A Host Connector
1 x USB 3.0 Type A Power Connector (required for devices drawing more than 2.5W)

Cable Diameter: 6.9mm (0.27")

Jacket Material: PVC

Bend Radius: 28mm (1.10")

Mounting Slots on Device Side: Slots for Cable Tie

POWER

Power Source: Bus Power

Available Current: 5V, 900mA

ENVIRONMENTAL

Operating Temperature: 0°C to 50°C (32°F to 122°F)

Storage Temperature: -20°C to 70°C (-4°F to 170°F)

Operating Humidity: 20% to 80% relative humidity, non-condensing

Storage Humidity: 10% to 90% relative humidity, non-condensing

COMPLIANCE

EMC: FCC (Class B), CE (Class B)

Environmental: RoHS2 (CE)

Flammability: VW-1 (UL 1581)

Machine Vision: Works with AIA USB3 Vision™ compliant devices

SUPPORT

Warranty: 2 years

Ordering Information

The USB 3.0 Spectra™ 3001-15 active cable extender solution package includes a 15 meter USB 3.0 Spectra 3001-15 active copper cable, zip tie strap, Quick Start Guide and two-year warranty.

For more information please email sales@icron.com, call +1 604 638 3920 or locate a distributor/reseller in your area by visiting icron.com/where-to-buy.

PART #	NAME	DESCRIPTION
00-00351	USB 3.0 Spectra™ 3001-15	USB 3.0 15m Active Extension Cable