

USB 3.0 Spectra™ 3001-15

1-Port USB 3.0 15m Active Extension Cable

Take advantage of Icron's rugged SuperSpeed active copper cable supporting full USB 3.0 5Gbps throughput over 15 meters. The cable provides 900mA of power to peripheral devices enabling placement flexibility of USB 3.0 cameras and storage devices.

Designed to support Industrial and Commercial applications including Machine Vision, Medical, Military, Robotics, Security, Broadcast & Post-Production and Boardroom Automation.



Features

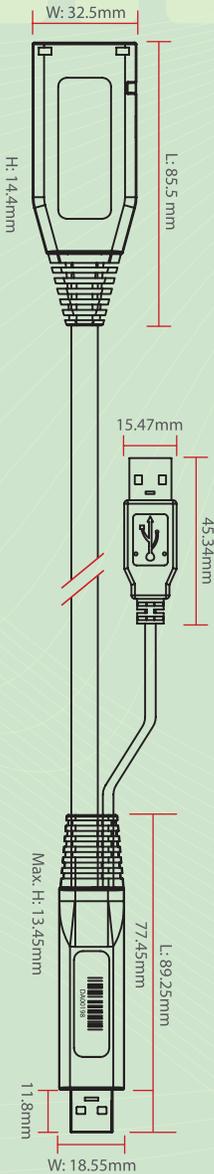
- 15 meter USB 3.0 extension
- Supports full USB 3.0 throughputs up to 5Gbps
- Bus powered from host computer, no external power supply required
- Provides 5V, 900mA power at USB 3.0 device port
- Second USB power connector for use if additional power is required
- Locking USB connector
- Device port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

Includes the ExtremeUSB® suite of features for transparent USB extension:

- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, macOS™ and Linux®



USB 3.0 Spectra™ 3001-15 Specifications



| | |
|-------------------------------|--|
| RANGE | 15m (49.21 ft) |
| SPEEDS | USB 3.0 up to 5Gbps (not backward compatible with USB 2.0/1.1) |
| PHYSICAL | |
| Active Copper Cable | |
| 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 Power to Device | 5V, 900mA* |
| ENVIRONMENTAL | |
| Operating Temperature | 0°C to 45°C (32°F to 113°F) |
| Storage Temperature | -20°C to 70°C (-4°F to 158°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 all AIA USB3 Vision™ compliant devices |
| SUPPORT | 2-year warranty |

* When both connectors are plugged into the host computer

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 and Quick Start Guide. Part# 00-00351

For more information please contact Icron: sales@icron.com, or call +1 604 638 3920. To locate a distributor/reseller in your area, please visit www.icron.com/where-to-buy.

