EXTREME USB®

USB3 VISION™

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
- AIA USB3 Vision™ Locking 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®, Mac OS X®, and Linux®

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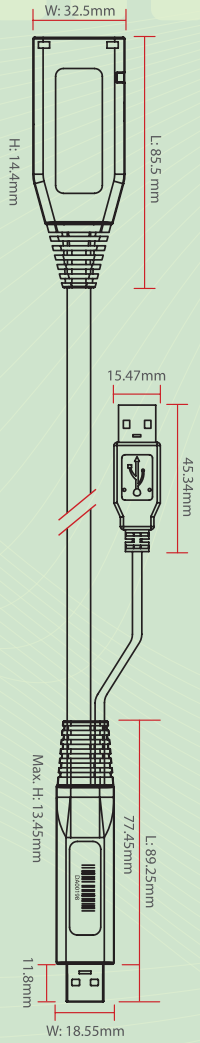
EXTREME USB®

USB 3.0 Spectra™ 3001-15 Specifications



RANGE	15m (49.21 ft)
SPEEDS	USB3.0 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 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 all AIA USB3 Vision™ compliant devices
SUPPORT	2-year warranty

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

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