

DL-USB3.0 Technical Specifications

USB 3.0 Active Extension Cable
Rev. 150515

The DL-USB3.0 is a USB 3.0 active copper cable that offers extension up to 15 meters. The DL-USB3.0 is bus powered from the host PC side and USB 3.0 power connector is available if additional power is required. The DL-USB3.0 supports USB 3.0 throughputs up to 5Gbps, locking USB connector, rugged grade cabling and slot port for convenient cable tie mounting. The DL-USB3.0 supports only USB 3.0 devices. USB 2.0 and 1.1 devices will not function using this extender.



I/O Connections	
USB Connector on Device Side	1 x USB 3.0 Type A Locking Receptacle per AIA USB 3 Vision™ specification
USB Connectors on Host Side	1 x USB 3.0 Host Connector and 1 x USB 3.0 Power Connector (recommended for devices drawing more than 2.5W)
Supported Signals	
USB 3.0	Up to 5Gbps (Not backward compatible with USB 2.0/1.1)
USB 2.0	Not Supported
USB 1.1	Not Supported
Cable Characteristics	
Maximum Distance	15m (49.21 ft)
Cable Diameter	6.9mm (0.27")
Jacket Material	PVC
Minimum Bend Radius	28mm (1.10")
Mounting Slots on Device Side	Slots for Cable Tie
Cable and Environmental	
Shipping Weight	1.63kg (3.60lbs)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Operating Humidity	20% to 80% relative humidity, non-condensing
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Storage Humidity	10% to 90% relative humidity, non-condensing
Power and Regulatory	
Power Source	Bus Power
Available Power to Device	5V, 900mA
EMC	FCC (Class B), CE (Class B)
Environmental	RoHS2 (CE)
Flammability	VW-1 (UL 1581)
Machine Vision	Works with AIA USB3 Vision™ compliant devices
Other	
Warranty	2 years
Included Accessories	USB 3.0 15m Active Extension Cable and Installation Guide