

Specifications

Retractor Series XL

Cable — USBC Pro 8K (Red Ring)

TRUE 8K specification

Max. 8K Capabilities			
Resolution	Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
7680x4320	30 Hz	4:4:4	8 bit
Max. 4K Capabilities			
Resolution	Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096x2160	60 Hz	4:4:4	12 bit
3840x2160			8 bit

Frame rate¹ 24, 25, 30, 50, 60, or 120 fps
 Chroma sampling¹ 4:4:4 or 4:2:2
 Color bit depth¹ 8, 10, or 12 bits per color
 Signal type Up to DisplayPort 1.4 and HDCP 2.3
 DisplayPort video DisplayPort Alt Mode, DP 1.4 (4 lanes), up to HBR3/8.1 Gbps per lane
 Max. video data rate 32.4 Gbps (8.1 Gbps Per Lane)

NOTE: ¹Subject to the maximum data rate limit. Use our calculator at www.extron.com/8Kdata rate to determine video parameters supported by this data rate.

USB-C cable

Connector type 1 USB-C Male to 1 USB-C Male

Data

USB specification USB 2.0 and USB 1.1 compatible

USB data rate Up to 480 Mbps

Maximum built-in USB hubs 0

Power

Maximum power delivery 60 W

Maximum current 3 A

Specifications • Retractor Series XL (Continued)

Cable - USBC Pro (Blue Ring)

TRUE 4K specification

Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096x2160 at 30 Hz	4:4:4	8 bit
3840x2160 at 30 Hz		

Frame rate¹ 24, 25, or 30 fps
 Chroma sampling¹ 4:4:4 or 4:2:2
 Color bit depth¹ 8, 10, or 12 bits per color
 Signal type Up to DisplayPort 1.4 and HDCP 2.3
 DisplayPort video DisplayPort Alt Mode, DP 1.4 (2 lanes), up to HBR3/8.1 Gbps per lane
 Max. video data rate 16.2 Gbps (8.1 Gbps per lane)

NOTE: ¹Subject to the maximum data rate limit. Use our calculator at www.extron.com/8Kdata rate to determine video parameters supported by this data rate.

USB-C cable

Connector type 1 USB-C Male to 1 USB-C Male

Data

USB specification USB 3.2 (Gen 1), USB 2.0, USB 1.1 compatible

USB data rate Up to 5 Gbps

Maximum built-in USB hubs 0

Power

Maximum power delivery 60 W

Maximum current 3 A

Specifications • Retractor Series XL (Continued)

Cable - Digital



Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096x2160 at 30 Hz	4:4:4	8 bit
3840x2160 at 30 Hz		
4096x2160 at 60 Hz	4:2:0	
3840x2160 at 60 Hz		

Frame rate ¹	24, 25, 30, 50, 60 fps
Chroma sampling ¹	4:4:4, 4:2:2, 4:2:0
Color bit depth ¹	8 bits per color
Signal type ¹	HDMI 1.4, DisplayPort 1.1a
Max. video data rate ¹	
HDMI and USB-C - HDMI	10.2 Gbps (3.4 Gbps per color)
DisplayPort and USB-C - DP	10.8 Gbps (2.7 Gbps per lane)

NOTE: ¹Subject to the maximum data rate limit. Use our calculator (www.extron.com/8Kdatarate) to determine video parameters supported by this data rate.

HDMI cables	
Connector type	1 male HDMI type A to 1 male HDMI type A
DisplayPort cables	
Connector type	1 male latching DisplayPort to 1 male latching DisplayPort
	1 male latching DisplayPort to 1 male HDMI type A
Mini DisplayPort cables	
Connector type	1 male Mini DisplayPort to 1 male latching DisplayPort
	1 male Mini DisplayPort to 1 male HDMI type A
USB-C cables	
Connector type	1 male USB-C to 1 male HDMI type A
	1 male USB-C to 1 male latching DisplayPort

Cable - Analog

VGA cables	
Connector type	1 male 15-pin HD to 1 male 15-pin HD
VGA-A cables	
Connector type	1 male 15-pin HD with 24 inch male 3.5 mm stereo audio pigtail to 1 male 15-pin HD with 8 inch male 3.5 mm stereo audio pigtail
Audio cables	
Connector type	1 male 3.5 mm stereo audio TRS (tip, ring, sleeve) to 1 male 3.5 mm TRS

Cable

USB-A cables	
Standard	USB 2.0
Connector type	1 male USB 2.0 Type A to 1 male Type A
USB data rate.....	High speed (480 Mbps)
USB-C cables	
Standard	USB power only
Connector type	1 male USB-C to 1 female USB-C
Power capacity.....	100 watts (5 A)

Specifications • Retractor Series XL (Continued)

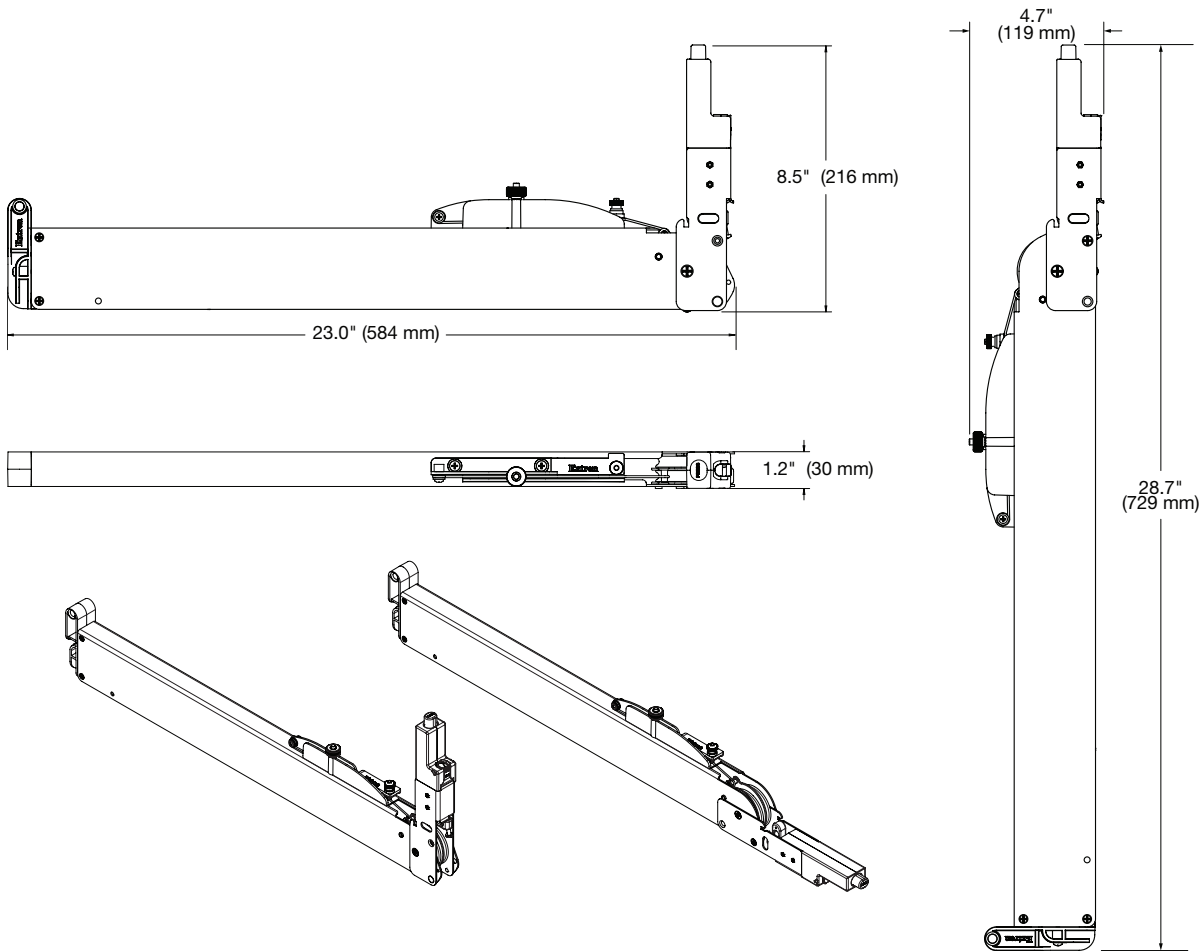
Network cables	
Standards.....	CAT 6
Connector type	1 male shielded RJ-45 to 1 male shielded RJ-45
DC Connector cables	
Connector type	1 male DC power connector to 1 female DC power connector
DC Lenovo connector cables	
Connector type	1 male DC Slim-tip to 1 female DC Slim-tip

General

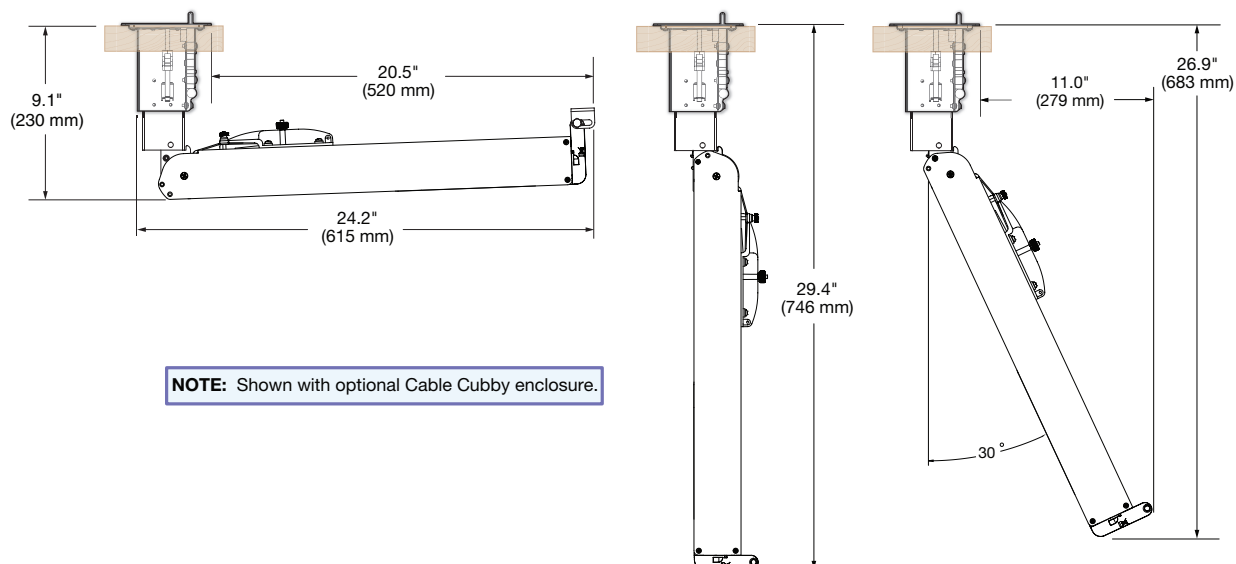
Mounting	Mountable into Extron Cable Cubby, TLP Cable Cubby TouchLink® and AVEdge 100 enclosures, and the TMK 120 R Table Mount Kit (all sold separately)
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NOTE: An optional bracket is required for horizontal mounting. Go to www.extron.com for information on installing additional brackets.

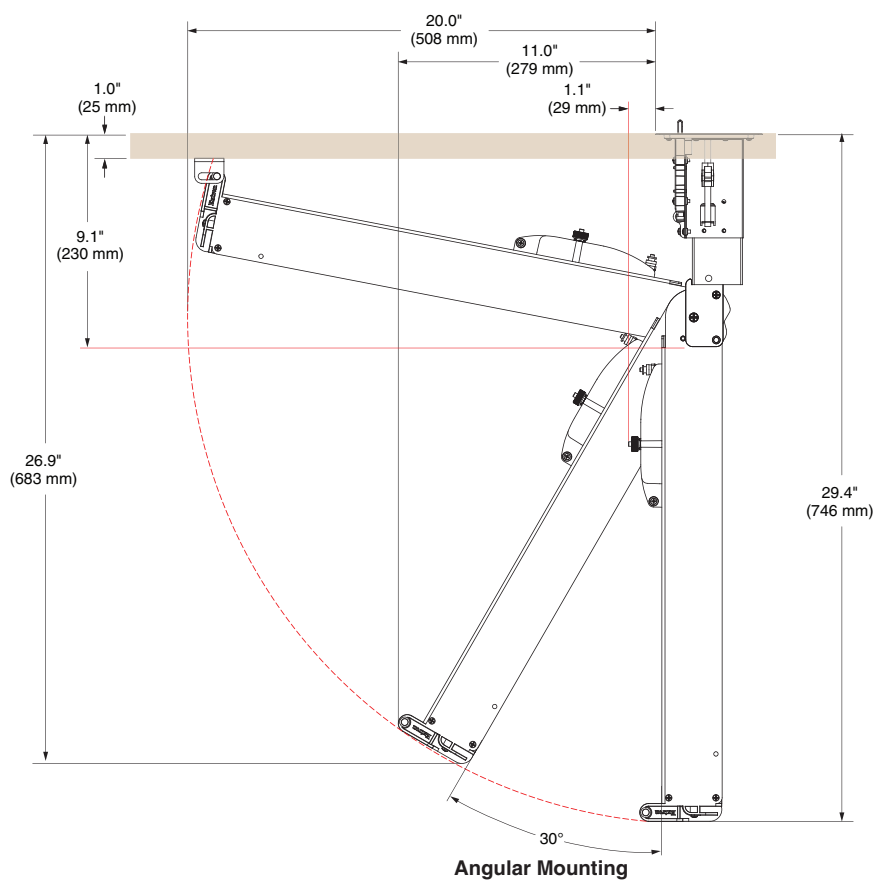
Enclosure type	Metal and plastic
Enclosure dimensions	28.7" H x 1.2" W x 4.7" D (729 mm H x 30 mm W x 119 mm D) See the following diagrams for additional dimensions.



Specifications • Retractor Series XL (Continued)



NOTE: Shown with optional Cable Cubby enclosure.



Product weight	3.5 lbs (1.6 kg)
Regulatory compliance.....	RoHS, WEEE
Life expectancy.....	Tested to exceed 7500 cycles
Product warranty	3 years parts and labor including preinstalled cable assembly

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.