

Specifications

Retractor Series/2

Cable - Digital

TRUE 4K specifications

Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096 x 2160 at 30 Hz	4:4:4	8 bit
3840 x 2160 at 30 Hz		
4096 x 2160 at 60 Hz	4:2:0	
3840 x 2160 at 60 Hz		

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

NOTE: ¹Subject to the maximum data rate limit. Use our calculator (www.extron.com/4KdataRate) to determine video parameters supported by this data rate.

HDMI cables

Standards	High speed HDMI
Connector type	1 male HDMI type A to 1 male HDMI type A
Maximum data rate	10.2 Gbps (3.4 Gbps per color)
Resolution range	4K (4096x2160) @ 30 Hz, UHD (3840x2160) @ 30 Hz 4K/UHD @ 60 Hz with 4:2:0 chroma subsampling
Color bit depth	8 max.
Voltage	30 V
Regulatory compliance	
Safety	UL 20276, UL VW-1
Temperature rating	80° C

DisplayPort cables

Standards	DisplayPort 1.1a
Connector type	1 male latching DisplayPort to 1 male latching DisplayPort
Maximum data rate	10.8 Gbps (2.7 Gbps per lane)
Resolution range	4K (4096x2160) @ 30 Hz, UHD (3840x2160) @ 30 Hz
Color bit depth	8 max.
Voltage	30 V
Regulatory compliance	
Safety	UL 20276, UL VW-1
Temperature rating	80° C

Mini DisplayPort cables	
Standards.....	DisplayPort 1.1a
Connector type	1 male Mini DisplayPort to 1 male latching DisplayPort
Maximum data rate	10.8 Gbps (2.7 Gbps per lane)
Resolution range	4K (4096x2160) @ 30 Hz, UHD (3840x2160) @ 30 Hz
Color bit depth	8 max.
Voltage	30 V
Regulatory compliance	
Safety	UL 20276, UL VW-1
Temperature rating	80° C

Cable - Analog

VGA cables

Connector type	1 male 15-pin HD to 1 male 15-pin HD
Voltage	30 V
Regulatory compliance	
Safety	UL 20276, UL VW-1
Temperature rating	80 °C

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
Voltage	30 V
Regulatory compliance	
Safety	UL 20276, UL VW-1
Temperature rating	80° C

Audio cables

Connector type	1 male 3.5 mm stereo audio TRS (tip, ring, sleeve) to 1 male 3.5 mm TRS
Voltage	30 V
Regulatory compliance	
Safety	UL 2725, UL VW-1
Temperature rating	80 °C

Cable

USB cables

Standards.....	USB 2.0
Connector type	1 male USB type A to 1 male USB type A
Regulatory compliance	
Safety	CSA CMG, CSA FT4
Temperature rating	75 °C

Network cables

Standards.....	CAT 6
Connector type	1 male shielded RJ-45 to 1 male shielded RJ-45
Voltage	30 V
Regulatory compliance	
Safety	UL 20276, UL VW-1, UL 758 AWM
Temperature rating	80 °C

DC Connector cables

Connector type	1 male DC power connector to 1 female DC power connector
Voltage	300 V
Regulatory compliance	
Safety	UL 2464, UL VW-1, UL, c-UL
Temperature rating	80° C

DC Lenovo connector cables

Connector type 1 male DC Slim-tip to 1 female DC Slim-tip

Voltage 300 V

Regulatory compliance

Safety UL 2464, UL VW-1, UL, c-UL

Temperature rating 80 °C

General

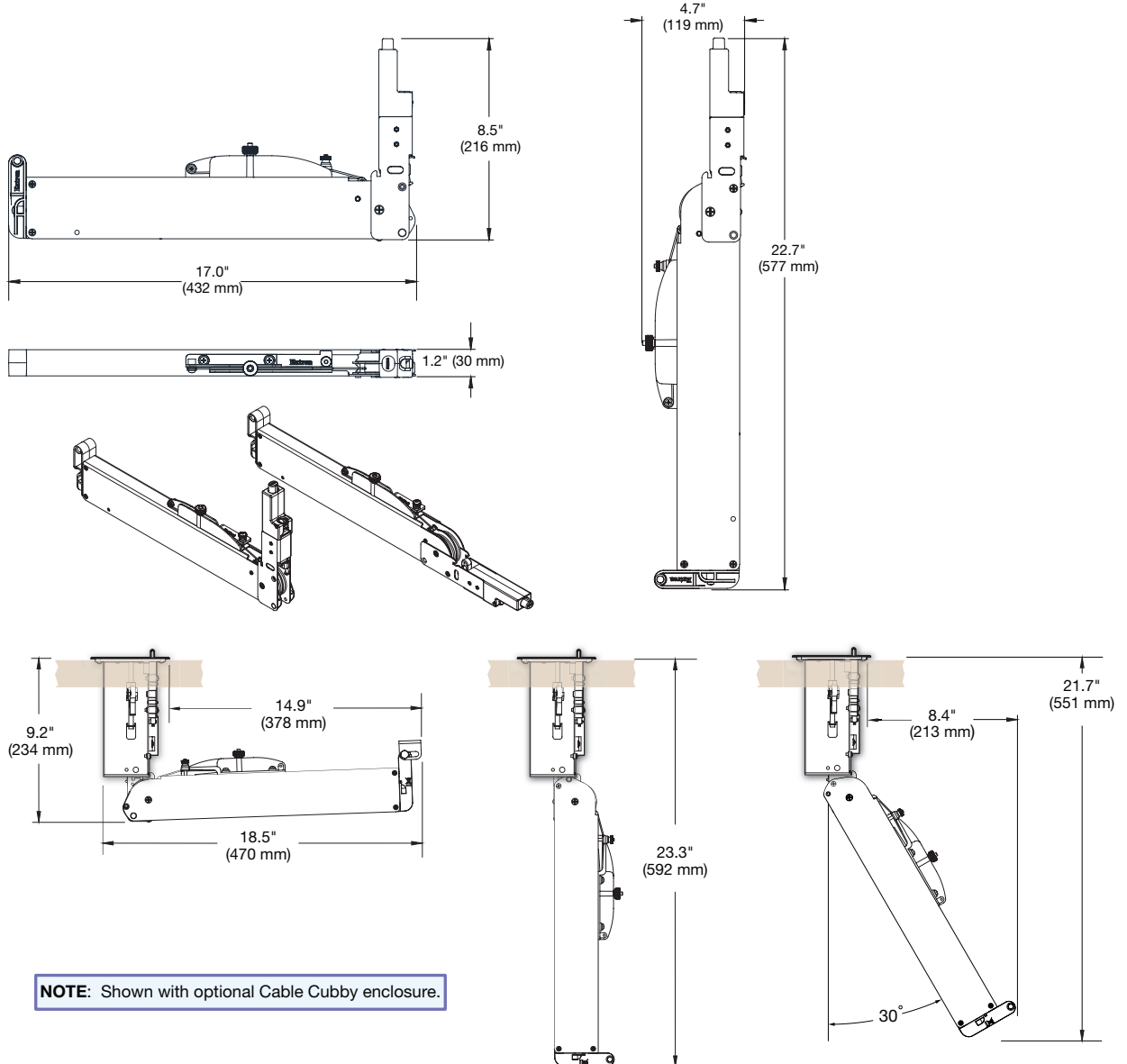
Mounting Mountable into Extron Cable Cubby, TLP Cable Cubby TouchLink® and AVEdge 100 enclosures, and the TMK 120 R Table Mount Kit (all sold separately)

NOTE: An optional bracket is required for horizontal mounting. For Cable Cubby 202 installation, an additional bracket is required.

Enclosure type Metal and plastic

Enclosure dimensions 22.7" H x 1.2" W x 4.7" D
(577 mm H x 30 mm W x 119 mm D)

See the following diagrams for additional dimensions.



NOTE: Shown with optional Cable Cubby enclosure.

Product weight	2.8 lbs (1.3kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE
Life expectancy.....	Tested to exceed 7500 cycles
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.

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