DB2Share

HDCP compliant retractable motorised monitor with DynamicShare

Features

- Vertical motorised monitor with up to 20° inclination
- Streamlined retractable HDMI cable
- Adjustable screen angle tilt
- No cover plate required (monitor completey streamlined within the furniture)
- One operation sensor on top of the aluminium housing (to rise and lower the screen and adjust the tilt angle) and share control buttons on the glass
- 20 mm maximum thickness
- Front double sided anti-reflective 2 sides coating 2 mm black edged glass
- Can be veneered
- Interactive Setup Display (ISD)
- Maintenance free
- HDCP compliant
- Energy saving design, low consumption video controller
- Serial control and remote diagnosis
- Wireless connectivity for setup and control
- Individual monitor addressing
- Auto Mechanical Movement Calibration (AH-AMMC)
- Share control buttons located on the screen's glass

General

Arthur Holm's DB2Share is a motorised retractable communication solution that creates minimum impact on the furniture's design. It is easy to integrate, intuitive to use (one operation sensor located on the top of the monitor and one touch button on the glass) and almost invisible (no cover plate, neatly streamlined into the furniture) when not in operation. This solution provides full control to view and share documents and videos with a motorised retractable HDMI cable that raises as an extension of the slick design of the monitor and the share control buttons are located on the screen's glass. With a maximum thickness of 20 mm, this monitor range is elegant, beautiful from all angles and can be veneered for a seamless integration in the furniture, creating a long lasting user's experience and delivering an exceptional image's quality. We have selected the best possible aluminium finishing specifications in the world, providing the maximum technical and visual performance.

The screen is protected with an anti-reflective 2 side coating 2 mm black edged glass. By touching directly on the monitor, users can select the HDMI input and share it. DB2Share are available in 17.3"and 21.5". Monitors are equipped with 2 HDMI-HDCP compliant inputs and 1 output, allowing the daisy chain of a maximum of 20 devices. An Interactive Setup Display (ISD) allowing the control, setup and diagnose of the monitors. Monitors provide RS-422 I/O allowing the remote control of movements, speed, safety settings, brightness, contrast and backlight. The monitors are equipped with Auto Mechanical Movement Calibration System (AH-AMMC). The use of the Arthur Holm's ERT will enable the address configuration of all the monitors installed in a table by simply pressing a button. The AHlink Android and iOS app allows getting the monitor's serial number without removing the unit from the table and allows access to the setup and control menu.

Technical Specifications

AH17DB2Share

Display	
Size	FULL HD 17.3" TFT Active Matrix, widescreen format. LED backlight
Resolution	1920 (h) x 1080 (v)
Brightness	400 cd/m2
Contrast ratio	600:1
Pixel	0.1989 (h) x 0.1989 (v) mm
Viewing angle	60°/80°(u/d) 80°/80°(l/r)
Viewing area	381.888 (h) x 214.812 (v) mm
LED backlight lifespan	50,000 hrs
Response time	Tr 37ms, Tf 3 ms
Temperature (operating/storage)	Operating 0ºC ~+40ºC Storage -20ºC ~+60ºC
Materials	
Monitor housing	Solid mechanised aluminium housing with anodised finish. Front black serigraphed glass.
Connectivity	
Input signal	HDMI retractable cable input HDMI input below the monitor HDMI loop IN/OUT
RJ45 CAT6 (with loop)	Addressable RS422 monitor control by AHnet protocol
GPI (SubD9)	Up/Down control
USB	For service

Control	
RJ45, RS-422 (I/O), AHNet protocol	
Addressing	
Termination switch	
GPI	
IR Remote control (monitor adjustments): 1/5	
Movement's Control	
User interface on monitor	(Up/Down) Capacitive touch sensor
Remote	RS-422 I/O, GPI
Electrical	
External power supply	100-240 Vac, 47/63Hz, 12Vdc
Power consumption	50W
Accessories	
ERT	Ethernet Interface Unit
Mechanical	
Monitor Dimensions:	
Screen	424 x 257 x 20 mm [16.69" x 10.11" x 0.79"]
Top frame	472 x 20 mm [18.58" x 0.79"]
Housing below the table	575 x 607 x 80 mm [20.6" x 23.9" x 3.15"]
Weight	25 Kg / 55.12 Lbs
Shipping Dimensions:	
Weight	26 Kg / 57.32 Lbs
Shipping Box	625 x 175 x 715 mm [24.60" x 6.8" x 28.14"]

Options

- Projected capacitive multi-touch screen
- Black anodised
- Gold finish
- Bronze finish
- Painted
- Aluminium cover plate

Certifications

- CE
- FCC
- IECEE

Warranty

- 5 years limited warranty
- 2 years general warranty

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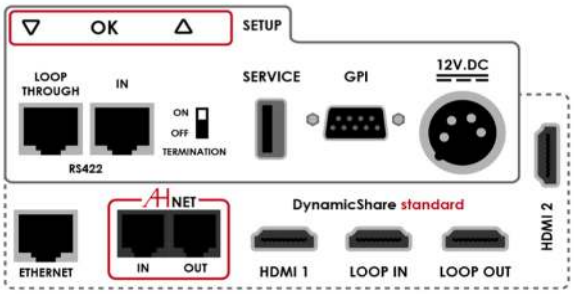
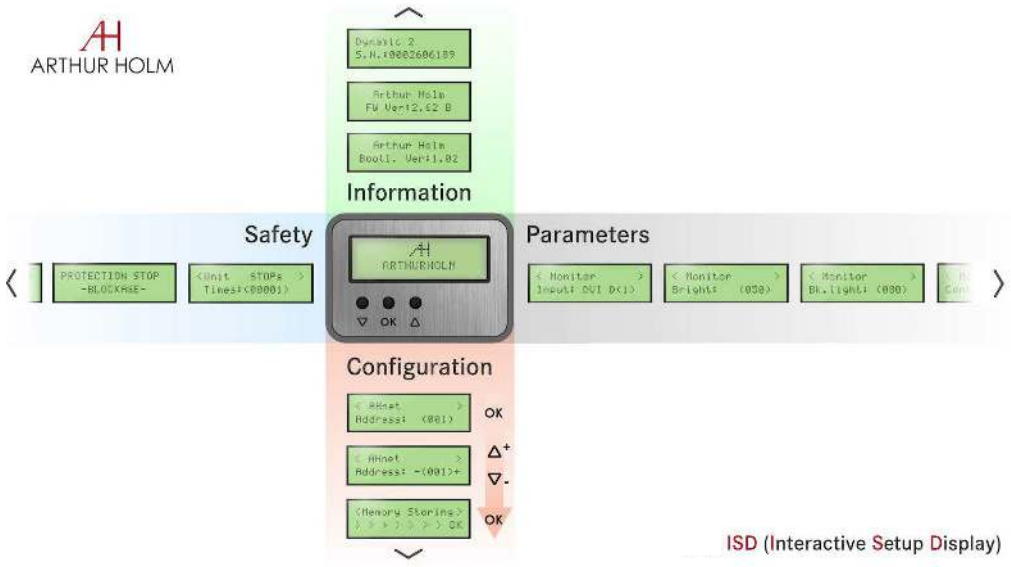


INTERACTIVE SETUP DISPLAY (ISD)



CONSULTANTS, ARCHITECTS AND ENGINEERS SPECIFICATIONS

Vertically retractable motorised 17.3" Full HD professional monitor. The monitor housing shall be made of milled anodised aluminium with a maximum thickness of 20 mm and the screen shall be protected with an anti-reflective 2 side coating black edged 2 mm glass. The monitor shall allow its installation in a furniture opening with a maximum width of 2 mm and shall be designed to be veneered to match the furniture's surface.
The monitor housing shall be flush with the table when the monitor is in recessed position and a motorised retractable HDMI cable shall raise as an extension of the monitor. A capacitive button that shall be placed at the top of the monitor shall activate the monitor's movements. The monitor shall provide full control to view and share HDMI signals by pushing the touch buttons integrated on the glass of the screen, below the viewing area.

The monitor shall have a brightness of 400 cd/m2, a contrast ratio of 600:1 and a backlight lifespan of 50,000 hours. The monitor shall provide 2 HDMI HDCP inputs by a licensed HDCP monitor manufacturer and one HDMI output.
The monitor shall provide an addressable RS-422 and an easy to read Interactive Setup Display (ISD) to access the safety parameters, the setup of the speed and the control of the brightness, contrast and backlight.
The monitor shall be able to run an auto-adjustment program to reset the factory setups. The monitor shall provide a USB port for firmware upgrades. The monitor shall be controlled by a wireless Android and iOS app providing information about the monitor's serial number, and providing access to the control and to the setup menu.

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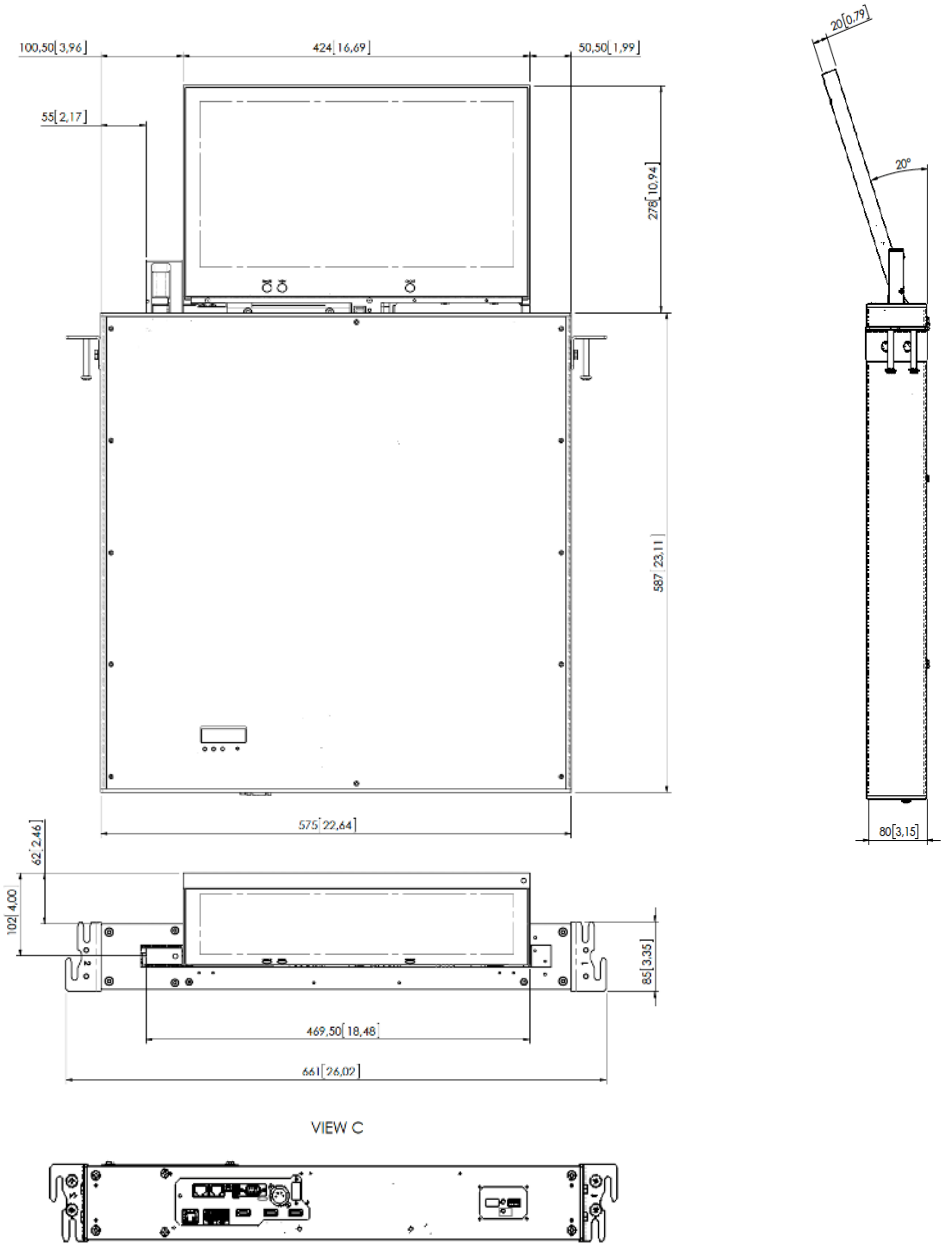

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DB2Share

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Features

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- Adjustable screen angle tilt
- No cover plate required (monitor completey streamlined within the furniture)
- One operation sensor on top of the aluminium housing (to rise and lower the screen and adjust the tilt angle) and share control buttons on the glass
- 20 mm maximum thickness
- Front double sided anti-reflective 2 sides coating 2 mm black edged glass
- Can be veneered
- Interactive Setup Display (ISD)
- Maintenance free
- HDCP compliant
- Energy saving design, low consumption video controller
- Serial control and remote diagnosis
- Wireless connectivity for setup and control
- Individual monitor addressing
- Auto Mechanical Movement Calibration (AH-AMMC)
- Share control buttons located on the screen's glass

General

Arthur Holm's DB2Share is a motorised retractable communication solution that creates minimum impact on the furniture's design. It is easy to integrate, intuitive to use (one operation sensor located on the top of the monitor and one touch button on the glass) and almost invisible (no cover plate, neatly streamlined into the furniture) when not in operation. This solution provides full control to view and share documents and videos with a motorised retractable HDMI cable that raises as an extension of the slick design of the monitor and the share control buttons are located on the screen's glass. With a maximum thickness of 20 mm, this monitor range is elegant, beautiful from all angles and can be veneered for a seamless integration in the furniture, creating a long lasting user's experience and delivering an exceptional image's quality. We have selected the best possible aluminium finishing specifications in the world, providing the maximum technical and visual performance.

The screen is protected with an anti-reflective 2 side coating 2 mm black edged glass. By touching directly on the monitor, users can select the HDMI input and share it. DB2Share are available in 17.3" and 21.5". Monitors are equipped with 2 HDMI-HDCP compliant inputs and 1 output, allowing the daisy chain of a maximum of 20 devices. An Interactive Setup Display (ISD) allowing the control, setup and diagnose of the monitors. Monitors provide RS-422 I/O allowing the remote control of movements, speed, safety settings, brightness, contrast and backlight. The monitors are equipped with Auto Mechanical Movement Calibration System (AH-AMMC). The use of the Arthur Holm's ERT will enable the address configuration of all the monitors installed in a table by simply pressing a button. The AHlink Android and iOS app allows getting the monitor's serial number without removing the unit from the table and allows access to the setup and control menu.

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Technical Specifications

AH22DB2Share

Display	
Size	FULL HD 21.5" TFT Active Matrix, widescreen format. LED backlight
Resolution	1920 (h) x 1080 (v)
Brightness	350 cd/m2
Contrast ratio	1000:1
Pixel	0.1989 (h) x 0.1989 (v) mm
Viewing angle	60°/80°(u/d) 80°/80°(l/r)
Viewing area	381.888 (h) x 214.812 (v) mm
LED backlight lifespan	50,000 hrs
Response time	Tr 37ms, Tf 3 ms
Temperature (operating/storage)	Operating 0ºC ~+40ºC Storage -20ºC ~+60ºC
Materials	
Monitor housing	Solid mechanised aluminium housing with anodised finish. Front black serigraphed glass.
Connectivity	
Input signal	HDMI retractable cable input HDMI input below the monitor HDMI loop IN/OUT
RJ45 CAT6 (with loop)	Addressable RS422 monitor control by AHnet protocol
GPI (SubD9)	Up/Down control
USB	For service

Control	
RJ45, RS-422 (I/O), AHNet protocol	
Addressing	
Termination switch	
GPI	
IR Remote control (monitor adjustments): 1/5	
Movement's Control	
User interface on monitor	(Up/Down) Capacitive touch sensor
Remote	RS-422 I/O, GPI
Electrical	
External power supply	100-240 Vac, 47/63Hz, 12Vdc
Power consumption	50W
Accessories	
ERT	Ethernet Interface Unit
Mechanical	
Monitor Dimensions:	
Screen	518 x 310 x 20 mm [20.39" x 12.23" x 0.79"]
Top frame	518 x 20 mm [20.39" x 0.79"]
Housing below the table	621 x 607 x 80 mm [24.45" x 23.9" x 3.15"]
Weight	27 Kg/59,5 Lb
Shipping Dimensions:	
Weight	28 Kg / 61.7 Lbs
Shipping Box	810 x 165 x 705 mm [31.8" x 6.5" x 27.8"]

Options

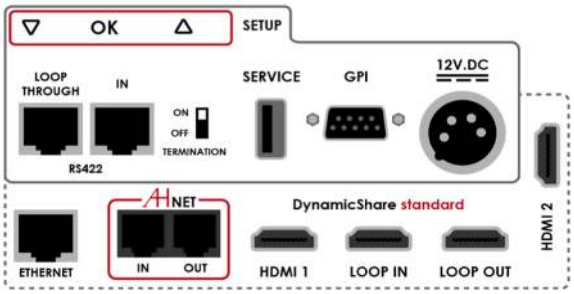
- Projected capacitive multi-touch screen
- Black anodised
- Gold finish
- Bronze finish
- Painted
- Aluminium cover plate

Certifications

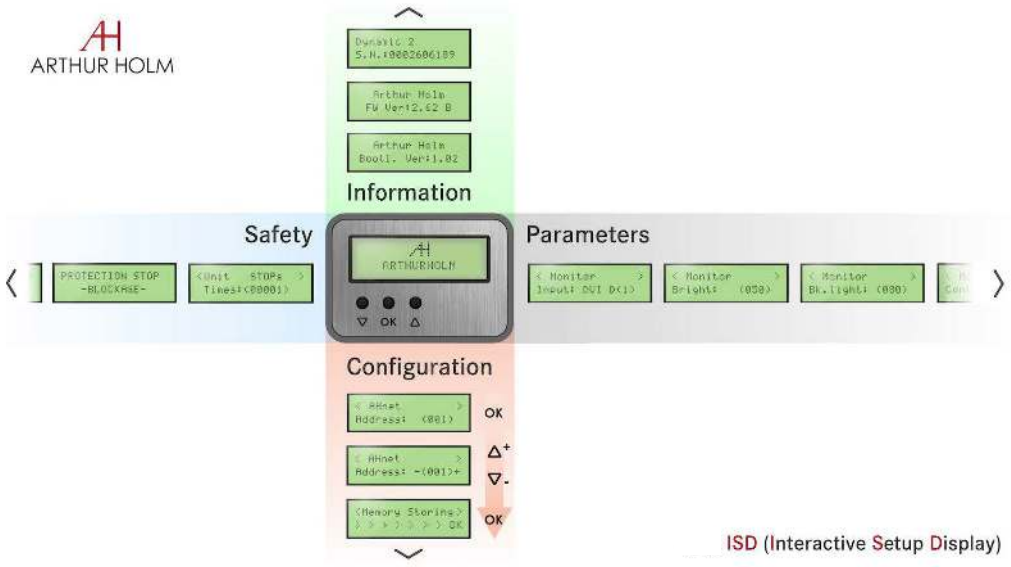
- CE
- FCC
- IECEE

Warranty

- 5 years limited warranty
- 2 years general warranty



INTERACTIVE SETUP DISPLAY (ISD)



CONSULTANTS, ARCHITECTS AND ENGINEERS SPECIFICATIONS

Vertically retractable motorised 21.5" Full HD professional monitor. The monitor housing shall be made of milled anodised aluminium with a maximum thickness of 20 mm and the screen shall be protected with an anti-reflective 2 side coating black edged 2 mm glass. The monitor shall allow its installation in a furniture opening with a maximum width of 2 mm and shall be designed to be veneered to match the furniture's surface.
The monitor housing shall be flush with the table when the monitor is in recessed position and a motorised retractable HDMI cable shall raise as an extension of the monitor. A capacitive button that shall be placed at the top of the monitor shall activate the monitor's movements. The monitor shall provide full control to view and share HDMI signals by pushing the touch buttons integrated on the glass of the screen, below the viewing area.

The monitor shall have a brightness of 350 cd/m2, a contrast ratio of 1000:1 and a backlight lifespan of 50,000 hours. The monitor shall provide 2 HDMI HDCP inputs by a licensed HDCP monitor manufacturer and one HDMI output.
The monitor shall provide an addressable RS-422 and an easy to read Interactive Setup Display (ISD) to access the safety parameters, the setup of the speed and the control of the brightness, contrast and backlight.
The monitor shall be able to run an auto-adjustment program to reset the factory setups. The monitor shall provide a USB port for firmware upgrades. The monitor shall be controlled by a wireless Android and iOS app providing information about the monitor's serial number, and providing access to the control and to the set-up menu.

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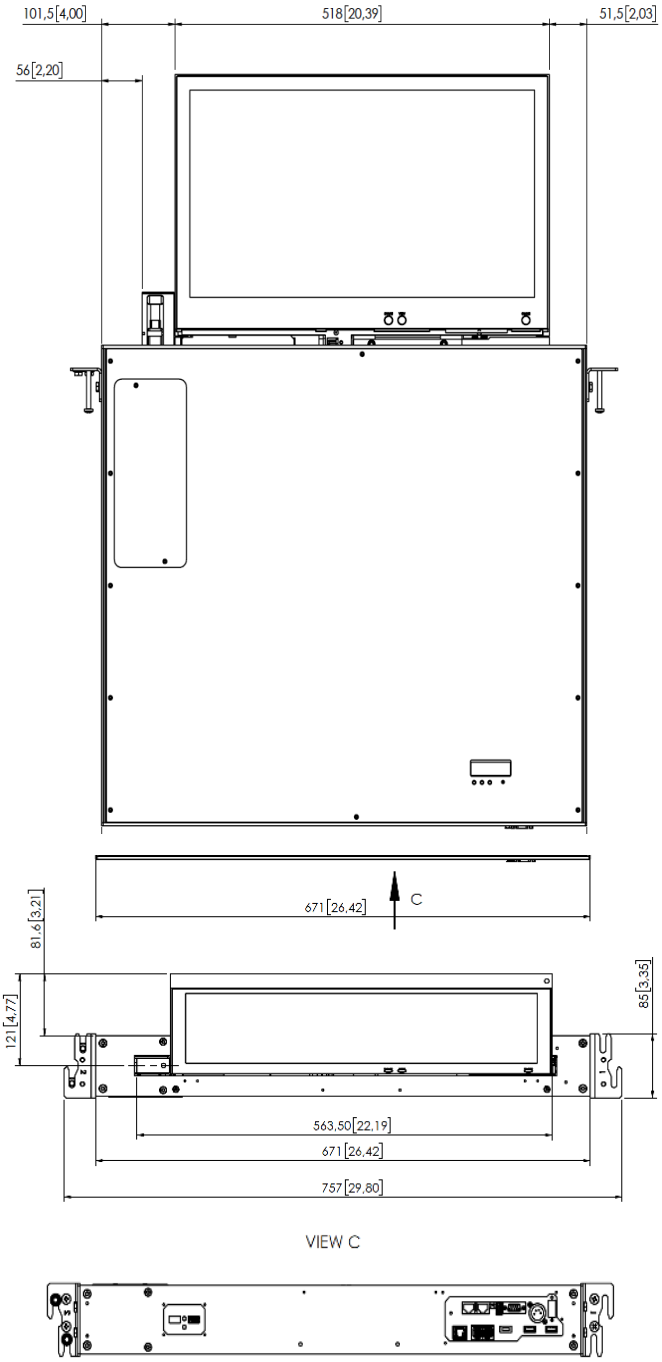

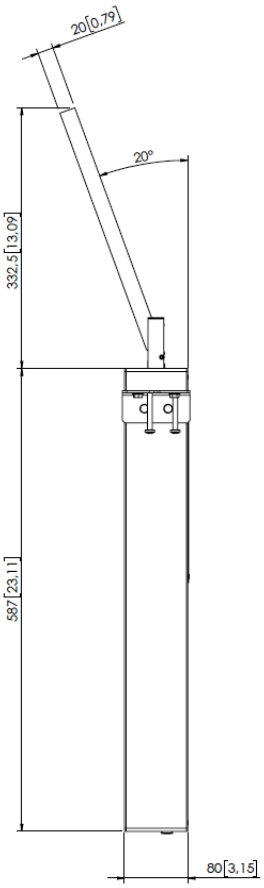

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