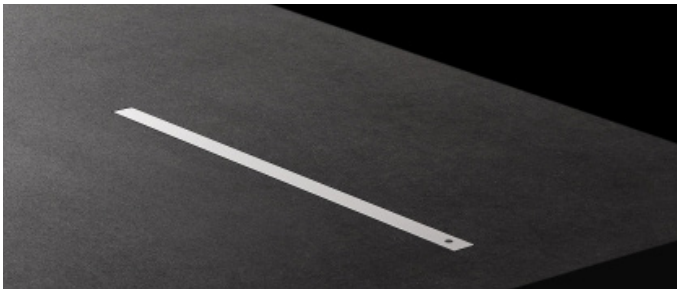
ARTHUR HOLM

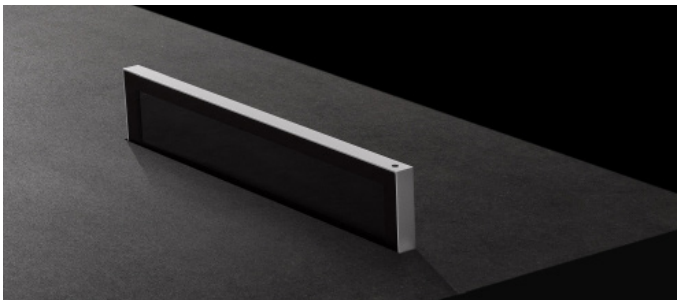
AH24DB2

DB2

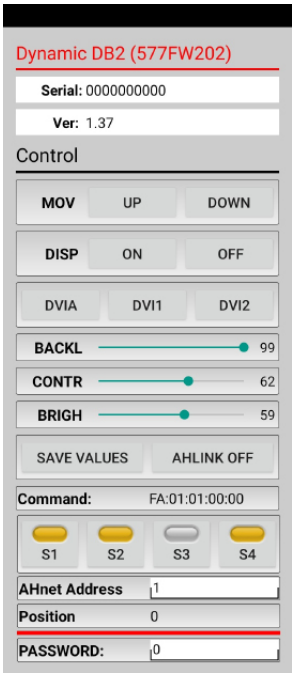
HDCP compliant aluminum retractable motorized monitor

reddot design award









Highlights

- Vertical motorized HDCP compliant monitor with up to 20º inclination
- Adjustable screen angle tilt
- No cover plate required (monitor completely streamlined within the furniture)
- One operation sensor on top of the aluminum housing (to rise and lower the screen and adjust the tilt angle)
- One operation sensor on the screen glass (to adjust the tilt angle and lower the screen)
- 20mm maximum thickness
- Interactive Setup Display (ISD)
- Can be veneered
- Maintenance free
- Energy saving design, low consumption video controller
- Serial control and remote diagnosis
- Compatible wireless connectivity for setup and control via AHlink
- Auto Mechanical Movement Calibration (AHAMMC)

AHlink : the App for setup, control and diagnose

Download on the App Store

GET IT ON Google Play

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MakeYourMeetingsCount

General

Arthur Holm's DB2 is a motorized retractable monitor range that creates minimum impact on the furniture's design. It is easy to integrate, intuitive to use (one simple operation sensor located on the top of the monitor) and almost invisible (no cover plate, neatly streamlined into furniture) when not operating. DB2 provides a harmonious silent drive with variable speeds. With a maximum thickness of 20 mm, this monitor range is elegant, beautiful from all angles and can be veneered for a seamless integration into furniture, creating a long-lasting user's experience and delivering an exceptional image quality.

The screen is protected with an anti-reflective black-edged glass. DB2 are available from 17.3" to 23.8" with 2 HDCP compliant DVI or HDMI inputs and equipped with an Interactive Setup Display (ISD) allowing the control, setup and diagnose of the monitors. Monitors provide RS-422/ RS-485 Full Duplex allowing the remote control of movements, speed, safety settings, brightness, contrast and backlight levels. The monitors are equipped with Auto Mechanical Movement Calibration (AH-AMMC). The use of Arthur Holm's ERT will enable the address configuration of all the monitors installed in a table by simply pressing a button. The monitors are compatible with the AHlink Android and iOS App, which allows access to the setup, diagnose and control menus.

Technical Specifications

Display	
Size	4K 23.8" TFT Active Matrix, widescreen. LED Backlight
Resolution	3840 (h) x 2160 (v)
Brightness	250 cd/m2
Contrast ratio	1000:1
Pixel	0.13725 (h) x 0.13725 (v) mm
Viewing angle	178° (v) 178° (h)
Viewing area	527.04 (h) x 296.46 (v) mm
Response time	Tg-g 14ms
Temperature (operating/storage)	Operating 0ºC ~+40ºC Storage -20ºC ~+60ºC

Materials	
Monitor housing	Solid mechanized aluminum housing with anodized finish. Front black-edged glass.

Connectivity	
Input signal	2x HDMI - HDCP compliant 2 Display Port
RJ45 CAT6 (I/O)	Addressable RS-422/ RS-485 Full Duplex monitor control by AHnet protocol
GPI (SubD9)	Up/Down control
USB	For service (firmware upgrades)

Control
RJ45, RS-422/ RS-485 Full Duplex, AHNet protocol
AHlink
Addressing
Termination switch
GPI
IR Remote control (monitor adjustments): 1 Remote control is provided every 5 motorized devices

Movement's Control	
User interface on monitor	(Up/Down) Capacitive touch sensor
Remote	RS-422/RS-485 Full Duplex, GPI
AHlink	

Electrical	
External power supply	100-240 Vac, 50/60 Hz, 12 Vdc
Power consumption	70W

Accessories	
ERT	Ethernet Interface Unit

Mechanical	
Monitor Dimensions:	
Screen	559.20 x 334.50 x 20 mm [22" x 13.16" x 0.79"]
Top frame	563.20 x 24 mm [22.17" x 0.94"]
Housing below the table	638.20 x 80 x 637 mm [25.13" x 3.15" x 25.08"]
Weight	25 Kg / 55.12 Lbs
Shipping Box	735 x 175 x 745 mm [28.9" x 6.8" x 29.3"]

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Options and accessories

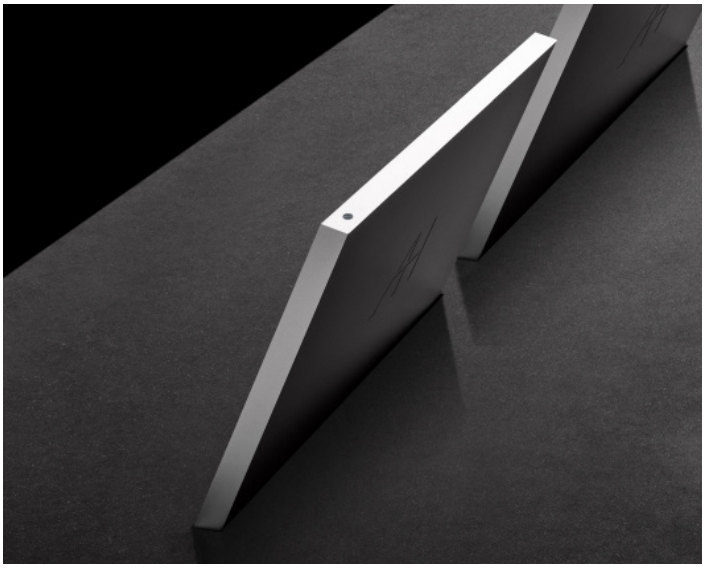
- Projected capacitive multi-touch screen
- DynamicLoop
- DynamicShare
- Painted
- Black anodized
- ERT-30 / ERT-60

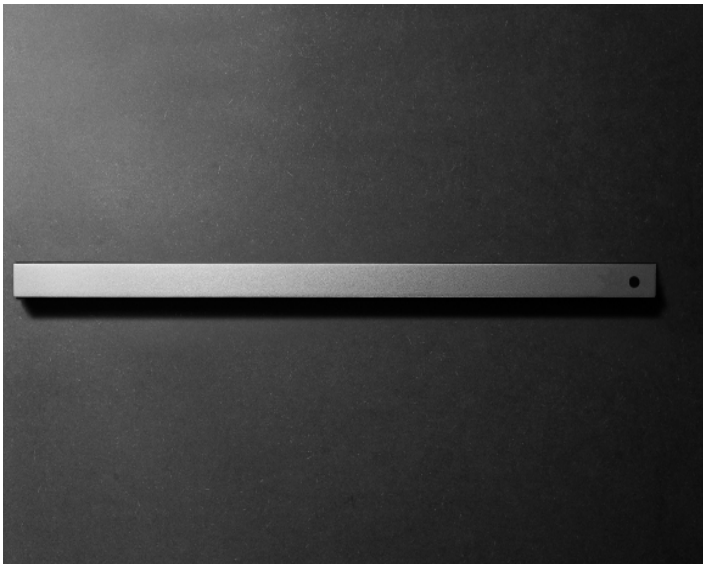
Certifications

- CE
- IECEE
- CB
- RoHS

Warranty

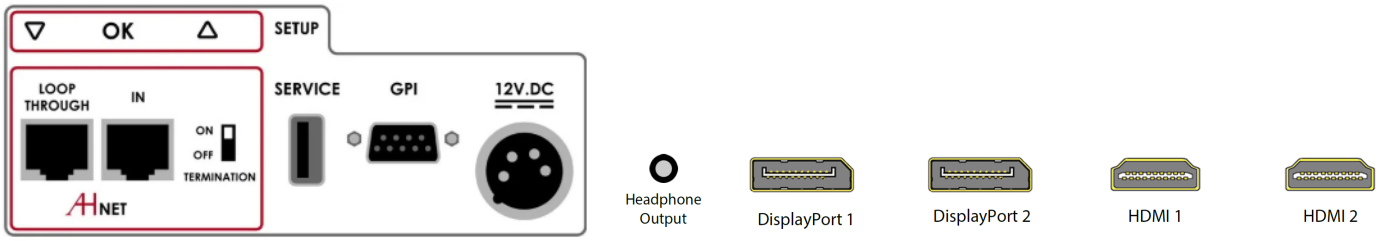
- 5 years limited warranty
- 2 years general warranty



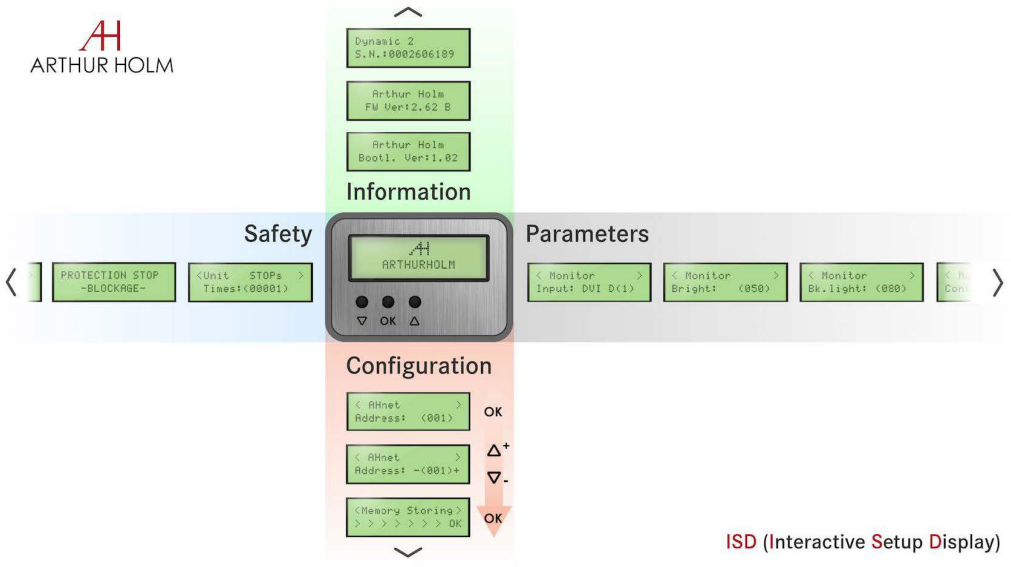


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Connectivity Panel



Interactive Setup Display (ISD)



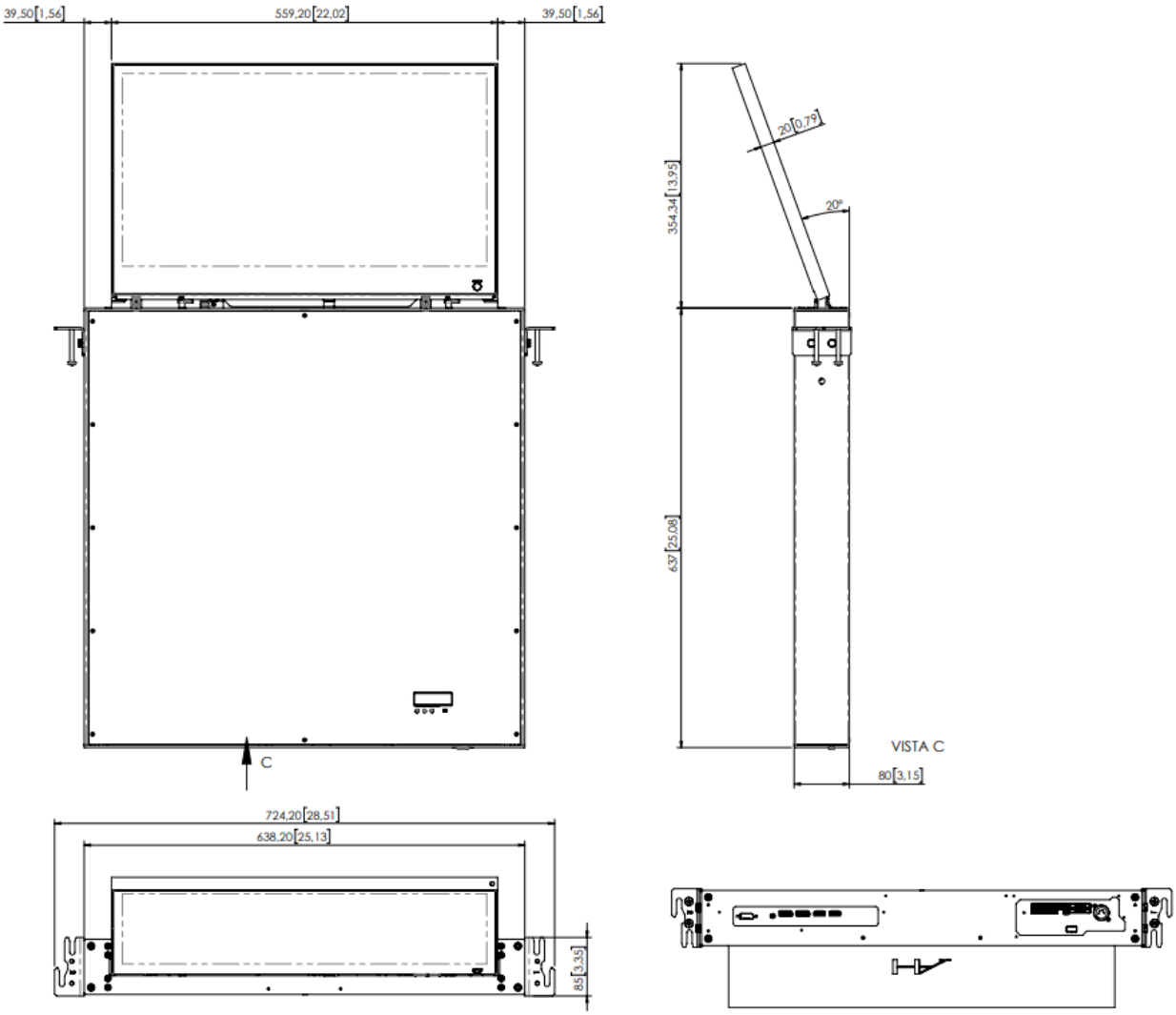
Consultants, architects and engineers specifications

Vertically retractable motorized 23.8” 4K professional monitor that requires a minimum opening on the table surface. The monitor housing shall be made of milled anodized aluminum with a maximum thickness of 20mm and the screen shall be protected with an anti-reflecting 2-side coating 2mm glass.

The top of the monitor housing shall be flush with the table when in recessed position. A capacitive button placed on top of the monitor housing shall activate the monitor’s up and down movements and the inclination angle to a maximum of 20°. The monitor shall have a brightness of 250 cd/m2, and a contrast ratio of 1000:1.

The monitor shall provide 2 HDMI HDCP inputs by a licensed HDCP manufacturer. The monitor shall provide a USB port for firmware upgrades. The monitor shall provide RS-422/RS-485 Full Duplex for the AHnet protocol and an Easy-to-Read Interactive Setup Display (ISD) for the setup, diagnose and control, and shall be compatible with ERT-30 and ERT 60. The monitor shall be compatible with the AHlink wireless Android and iOs App for the setup, diagnosis and control.

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