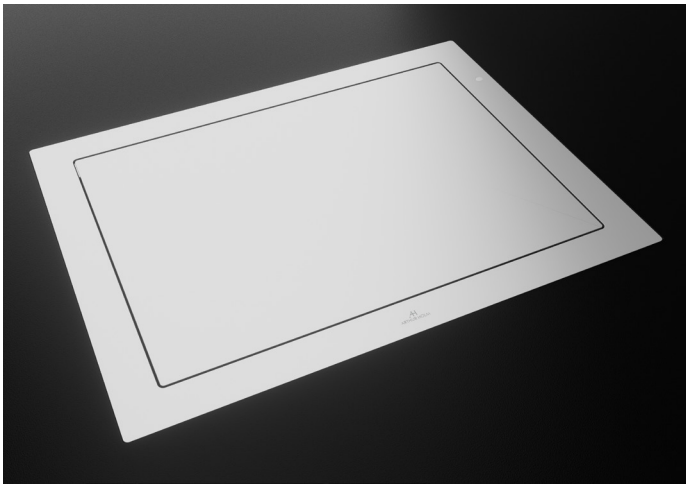
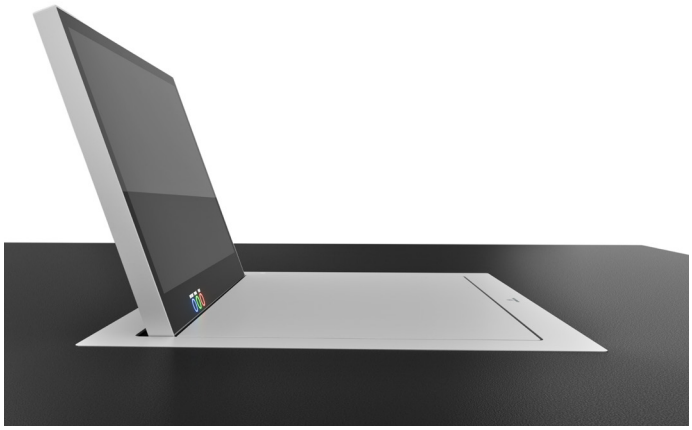
D3

Professional compact foldable monitor







Highlights

- Motorized aluminum foldable monitor
- Anti-reflective 2 mm black-edged glass
- Compact design with 83.5 mm [3.29”] depth from the table surface
- Adjustable viewing angle from 90° to 110°
- Control via capacitive touch sensor on the cover plate or via remote control
- Unique mechanism with a patented synchronized tray movement
- Silent mechanical movement
- 2/DVI HDCP-compliant inputs
- Optional control interface sensor buttons on glass: Video source selection and Share
- Interactive Setup Display
- AH-AMMC: Auto Mechanical Movement Calibration

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General

D3 is a compact, motorized folding monitor designed to maximize usable space above and below the table. Its shallow installation depth minimizes the space required beneath the tabletop, preserving comfortable legroom. Ideal for open table design in control rooms, meeting rooms, boardrooms, and reception areas, D3 folds flat into the table when not in use.

Crafted from premium natural anodized aluminum, D3 features a synchronized tray that rises together with the display to optimize the working surface. The tray can be configured to accommodate a keyboard and mouse. The monitor offers two HDCP-compliant DVI inputs and can be operated using a capacitive touch sensor, remotely via RS-422/485, or through the AHlink app via ERT.

The screen is protected by 2 mm anti-reflective glass. Optional controls can be integrated on the glass for input selection, sharing, and free buttons.

The rear panel can be veneered in the UI version to blend seamlessly with the tabletop. D3 also includes anti-pinch safety protection, an interactive setup display, and an automatic mechanical movement calibration system.

Options include a variety of finishes, a touchscreen, cameras, and connectors integrated into the cover plate.

Technical Specifications

Display	
Size	Full HD 21.5” TFT Active Matrix, widescreen format.
Resolution	1920 (h) x 1080 (v)
Brightness	300 cd/m2
Contrast ratio	3000:1
Pixel	0.2493 (h) x 0.241 (v) mm
Viewing angle	89°/89° (u/d) / 89°/89° (l/r)
Viewing area	478.656 (h) x 260.28 (v) mm
Response time	Tg 20ms
Temperature *(operating/storage)*	Operating 0°C – +40°C Storage -20°C – +60°C

Materials	
Monitor housing	Anodized Aluminum
Glass	Anti-reflective 2mm black edged glass Thickness: 2.0mm ± 0.2 mm
Cover plate	Anodized aluminum

Connectivity	
Input signal	DVI-I (1 input) – HDCP Compliant DVI-D (1 input) – HDCP Compliant
RJ45 CAT5 (with loop)	Addressable RS422/RS485 Full Duplex monitor control by AHnet protocol
GPI (SubD9)	Movements Control (opto isolated)
USB	For service (firmware upgrades)

Control
RS45, RS-422 / RS-485 Full Duplex (I/O)
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)
Remote	RS-422/RS-485 Full Duplex I/O/GPI

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

Accessories	
ERT	Ethernet interface unit

Mechanical Dimensions:	
Screen	509.50 x 297 x 18mm [20.06” x 11.86” x 0.71”]
Upper cover plate	580.50 x 418.50 x 4mm [22.85" x 16.48" x 0.16"]
Housing below the table	83.50 x 405 x 567.5mm [3.29" x 15.94" x 22.34"]
Weight	13Kg / 28.66 lbs aprox.

Shipping Dimensions:	
Weight	14Kg / 28.66 lbs aprox.
Shipping Box	649 x 512 x 212 mm [25.5" x 20.15" x 8.3"]

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Options

- Prepared for veneer
- Prepared for keyboard and mouse
- Projected capacitive multi-touch screen
- DynamicLoop
- DynamicShare
- PC Box
- Camera
- Connectors on the cover plate
- Black anodized
- Painted

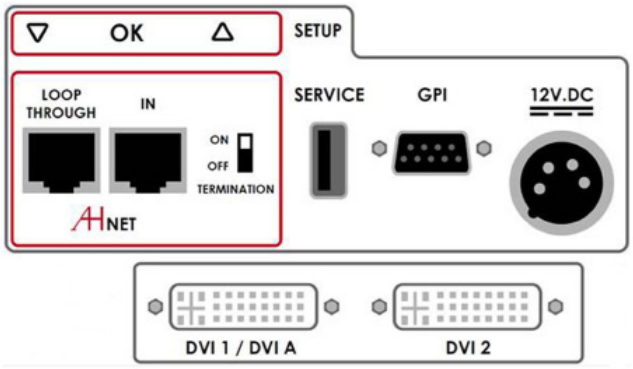
Certifications

- CE
- IECEE
- CB
- EMC
- RoHS

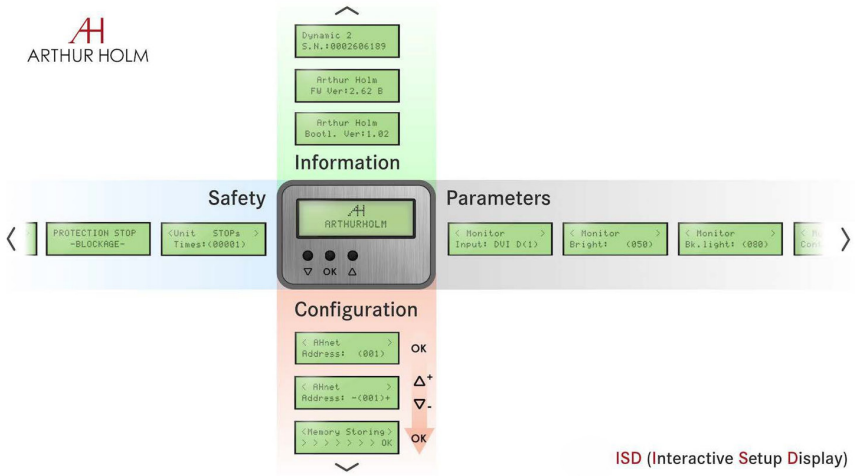
Warranty

- 2 years general warranty

Connectivity Pannel



Interactive Setup Display



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MakeYourMeetingsCount

Consultants, architects and engineers specifications

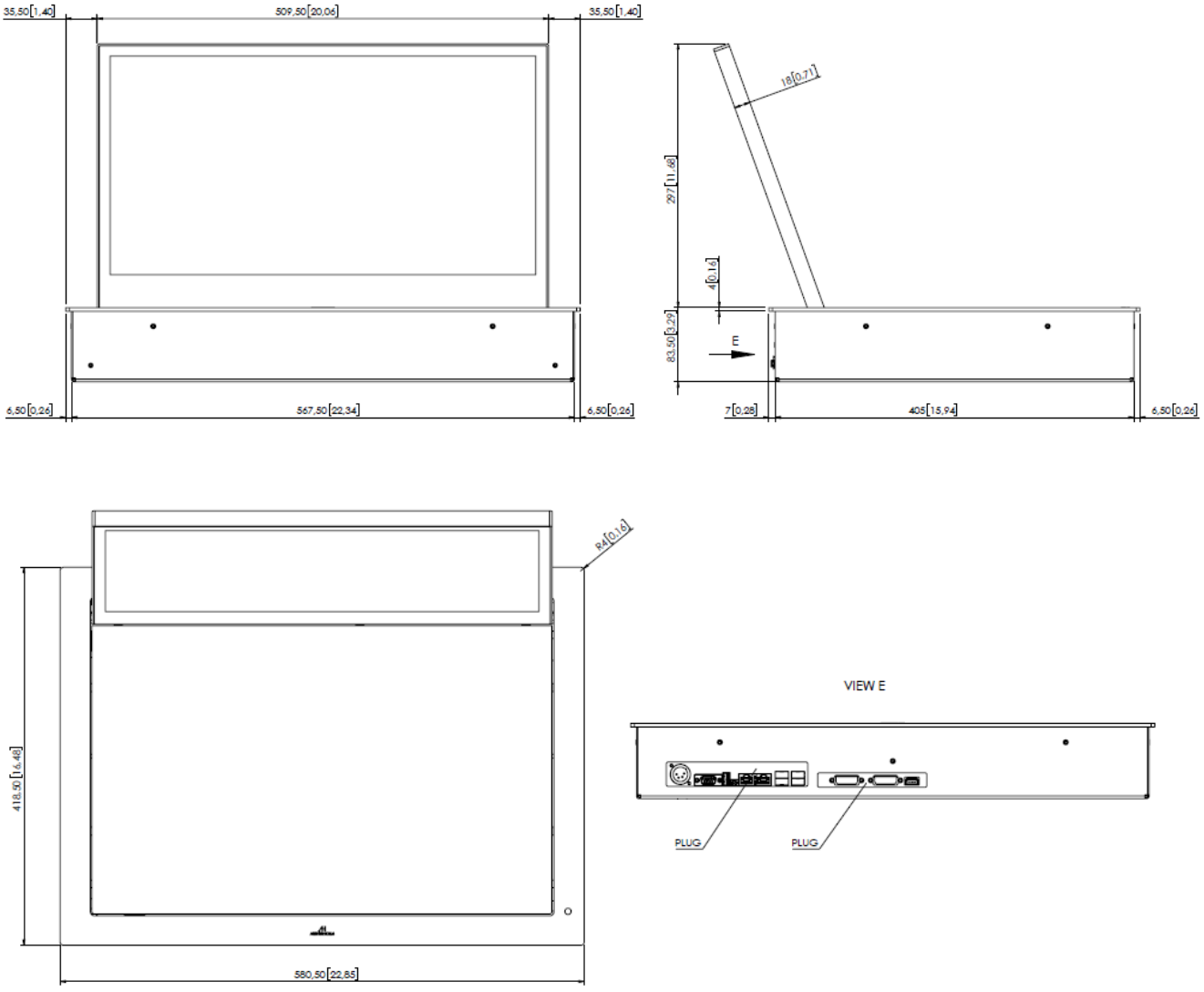
Motorized foldable 21.5” Full HD professional monitor. The monitor housing shall be made of milled anodized aluminum and the screen shall be protected with anti-reflective 2 mm glass. The monitor shall have a brightness of 300cd/m2, a contrast ratio of 3000:1.

The monitor’s opening mechanism shall automatically raise a synchronized aluminum tray that covers the entire opening surface. The depth from the table surface shall be 83.5 mm [3.29”]. The monitor shall fold down with the screen facing downward.

The monitor shall provide 2 DVI HDCP inputs by a licensed HDCP monitor manufacturer. 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 speeds and the control of the brightness, contrast and backlight and remote setup support and diagnostic. The monitor shall provide a safety system that detects obstructions causing the unit to stop. The monitor shall be able to run an auto-adjustment program to reset the factory security ratio between its factory movement speed and its protection parameters adapting the unit to the way it has been installed. The monitor shall provide a USB port for firmware upgrades.

The monitor shall be compatible with wireless connectivity for setup and control via AHlink when used in combination with an ERT.

General Dimensions



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