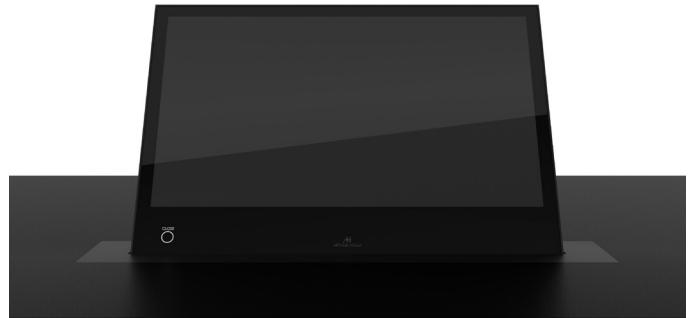
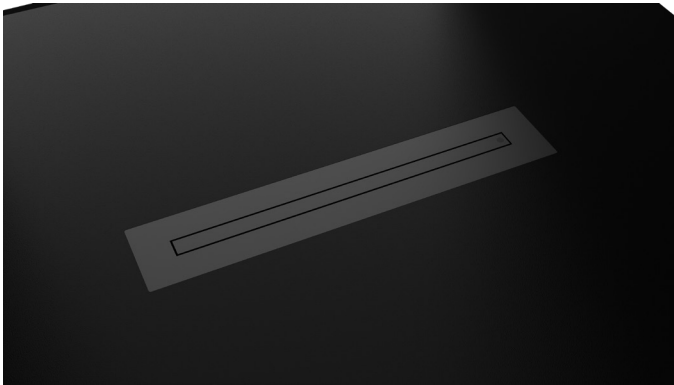
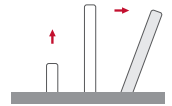


D2

The new HDCP compliant aluminum retractable motorized



Dynamic DB2 (577FW202)

Serial: 0000000000

Ver: 1.37

Control

MOV UP DOWN

DISP ON OFF

DVIA DVI1 DVI2

BACKL 99

CONTR 62

BRIGH 59

SAVE VALUES AHLINK OFF

Command: FA:01:01:00:00

S1 S2 S3 S4

AHnet Address 1

Position 0

PASSWORD: 0

Highlights

- Vertical motorized HDCP compliant 21.5" monitor
- Adjustable screen tilt angle with up to 20° of inclination
- Installation from above the table
- Elegant table top aluminium frame
- 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)
- Energy saving design, low consumption video controller
- Serial control and remote diagnosis
- Comptabile wireless connectivity for setup, and control with AHLINK via ERT.
- Auto mechanical Movement Calibration (AH-AMMC)

AHlink : the App for setup, control and diagnose



ARTHUR HOLM

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General

D2 is the perfect fusion of design and flexibility. Featuring a tabletop aluminum frame that enables flush installation from above the table, it is an elegant solution with exceptional versatility. Easy to install and engineered with Arthur Holm's signature attention to detail, D2 brings seamless technology integration and timeless design to premium boardroom and meeting room environments. D2 supports a wide range of connectivity options including DynamicShare, retractable cables and connections, providing a clean and highly functional workspace.

The AH22D2 is an HDCP compliant, vertically retractable aluminum 21.5" Full HD monitor with 20° of adjustable inclination. It features a solid aluminum monitor housing, 20 mm thick, with anti-reflective black-edged front glass for a sleek and sophisticated appearance. A capacitive sensor positioned on top of the monitor controls its raising, tilting and retracting movements, while a second sensor integrated into the monitor glass enables tilt adjustment and closing. This monitor also features DVI-I and DVI-D inputs, RS-422 I/O, ISD (Interactive Setup Display), USB port for firmware upgrades, AH-AMMC (Automechanical movement calibration), AHlink compatible (ERT).

Technical Specifications

Display

Size	Full HD 21.5" TFT Active Matrix, widescreen. LED Backlight
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°(l/r) 89°/89°(u/d)
Viewing area	478.656 (h) x 260.28 (v) mm
Response time	Tg 20ms max
Temperature (operating/storage)	Operating 0°C ~ +50°C Storage -20°C ~ +60°C

Materials

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

Input signal	DVI-I (1 input) – HDCP compliant DVI-D (1 input) – HDCP compliant
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 (I/O), GPI
AHlink	

Electrical

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

Accessories

ERT-30 / ERT-60	Ethernet Interface Unit
-----------------	-------------------------

Mechanical Dimensions

Screen	510 x 301 x 20 mm [20.06" x 11.86" x 0.79"]
Top frame	586.5 x 117 mm [23.09" x 4.60"]
Housing below the table	572 x 587 x 80 mm [22.5" x 23.11" x 3.15"]
Weight	22 Kg / 48.5 Lbs

Packaging Dimensions

Packaging Dimensions	660 x 175 x 715 mm [26.0" x 6.9" x 28.1"]
Weight	23 kg / 50.7 Lbs

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Options and accessories

- Projected capacitive multi-touch screen
- PC Box
- 2x HDMI main inputs
- Input selection button to switch between inputs
- Integrated USB-C retractable cable
- Integrated HDMI retractable cable
- Integrated USB camera
- DynamicShare
- ERT-30 / ERT-60
- Painted
- Black anodized
- Gold finish
- Bronze finish
- Painted
- Customized laser-engaved logotype on the aluminium tabletop frame.

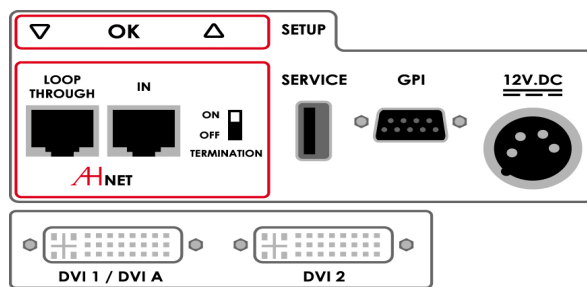
Certifications

- CE
- CB
- RoHS
- EMC
- IECEE

Warranty

- 5 years for the mechanical parts

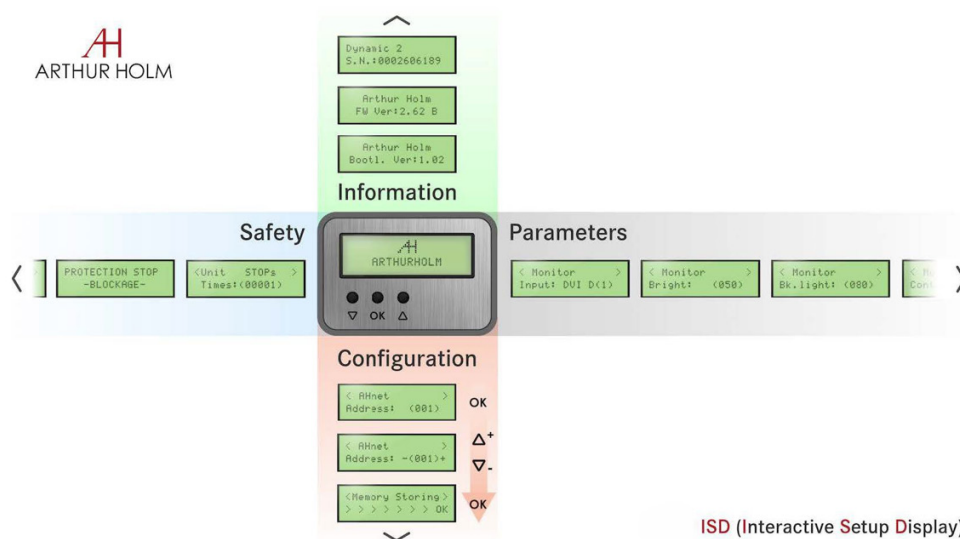
Connectivity Panel



Connectivity

- 1- AHnet control interface
- 2- USB for Service
- 3- GPI control
- 4- Power input
- 5- DVI 1 / DVI A video input
- 6- DVI 2 video input

Interactive Setup Display (ISD)



ISD (Interactive Setup Display)

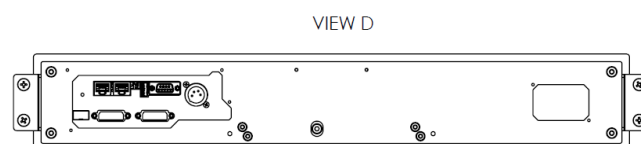
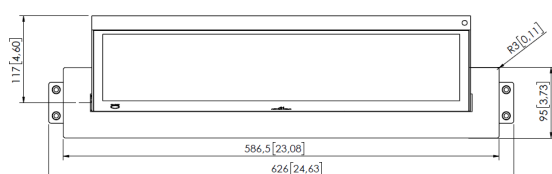
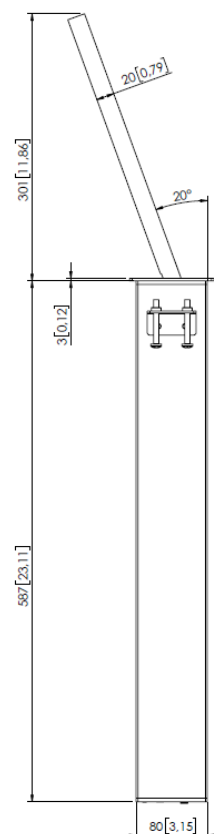
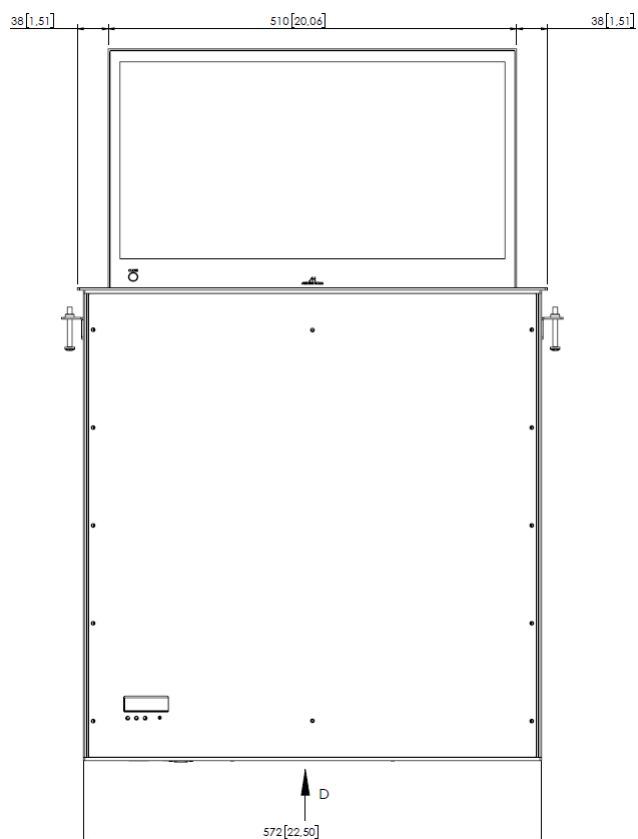
Consultants, architects and engineers specifications

Vertically retractable motorized 21.5" Full HD professional monitor. 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 glass. The monitor shall feature a tabletop aluminum frame that enables flush installation from above the table.

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 300 cd/m2 and a contrast ratio of 3000:1.

The monitor shall provide 2 DVI 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 via ERT.

General Dimensions



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