



ARTHUR HOLM

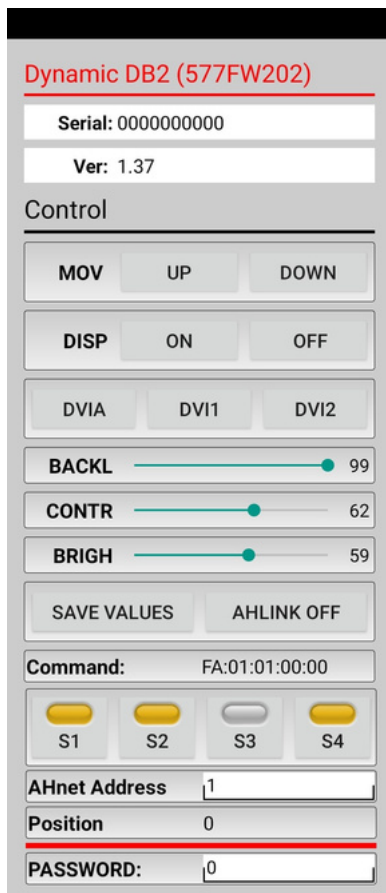
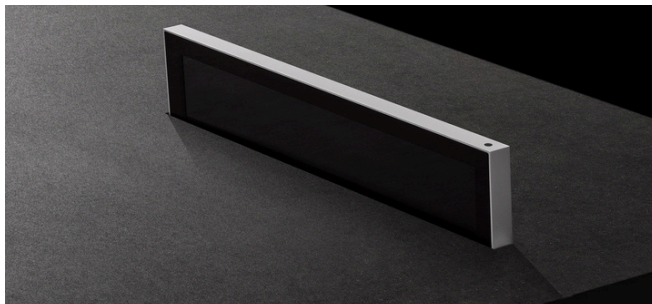
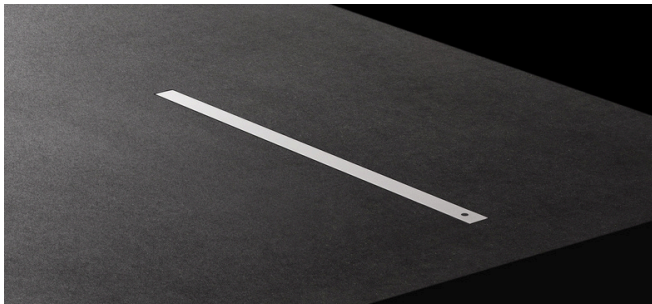
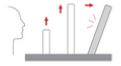
DB2

HDCP compliant aluminum retractable motorized monitor

AH22DB2



reddot design award



Highlights

- Vertical motorized monitor up to 20° 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)
- 20mm thickness
- Front double-sided anti-reflective 2 sides coating 2mm black edged glass
- Can be veneered
- Interactive Setup Display (ISD)
- HDCP compliant
- Energy saving design, low consumption video controller
- Wireless connectivity for setup and control
- AH-AMMC: Auto Mechanical Movement Calibration

AHlink : the App for setup, control and diagnose



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Arthur Holm is a registered brand of Albiral Display Solutions SL. Specifications subject to change without previous notice.

Make Your Meetings Count!

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 images quality. We have selected the best possible aluminum 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. DB2 are available from 17.3" to 23.8" with 2 DVI-HDCP compliant 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. 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 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 menus.

Options and accessories

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

Warranty

- 5 years limited warranty
- 2 years general warranty

Certifications

- CE
- FCC

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Technical Specifications

Display

| | |
|----------------|---|
| Size | FULL HD 21.5" TFT Active Matrix, widescreen format. LED backlight |
| Resolution | 1920 (h) x 1080 (v) |
| Brightness | 500cd/m2 |
| Contrast ratio | 1000:1 |
| Pixel | 0.24975 (h) x 0.24975 (v) mm |
| Viewing angle | 89°/ 89° (u/d) 89°/ 89° (l/r) |
| Viewing area | 476.064 (h) x 267.786 (v) mm |
| Response time | Tr 12ms, Tf 10ms |
| Temperature | Operating 0° ~ +40°C Storage -20° ~ +60°C |

Materials

| | |
|-----------------|--|
| Monitor housing | Solid mechanized aluminum housing with anodized finish. Electrically powered lift system with variable speed. 20° inclination. Front black serigraphed glass |
|-----------------|--|

Connectivity

| | |
|------------------------|--|
| Input signal | DVI-I (1 input) HDCP compliant DVI-D (1 input) HDCP compliant |
| RJ 45 CAT6 (with loop) | Addressable RS-422/RS485 Full Duplex monitor control by AHnet protocol |
| GPI (subD9) | Movements control (opto isolated) |
| USB | For service (firmware upgrades) |

Engine

| | |
|--------------------|--|
| Control Up/Down | Buttons on cover plate, GPI, RS-422/RS-485 Full Duplex |
| Electronic control | PWM |

Control

| | |
|-----------------|---------------------------------------|
| Monitor Control | RS-422/RS-485 Full Duplex (RJ45 CAT6) |
|-----------------|---------------------------------------|

Electrical

| | |
|-----------------------|----------------------------|
| External power supply | 100-240Vac, 47/63Hz, 12Vdc |
| Power consumption | 70w |

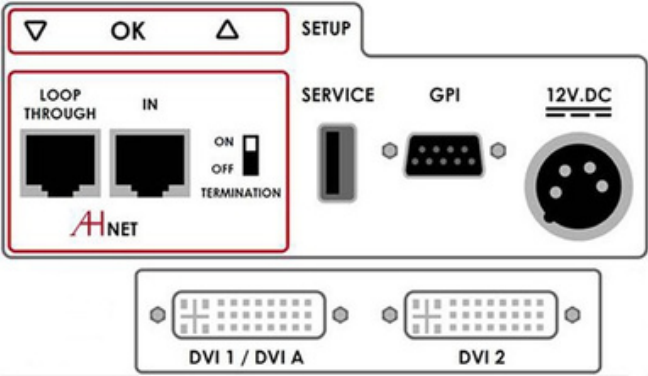
Accessories

| | |
|-----|-------------------------|
| ERT | Ethernet interface unit |
|-----|-------------------------|

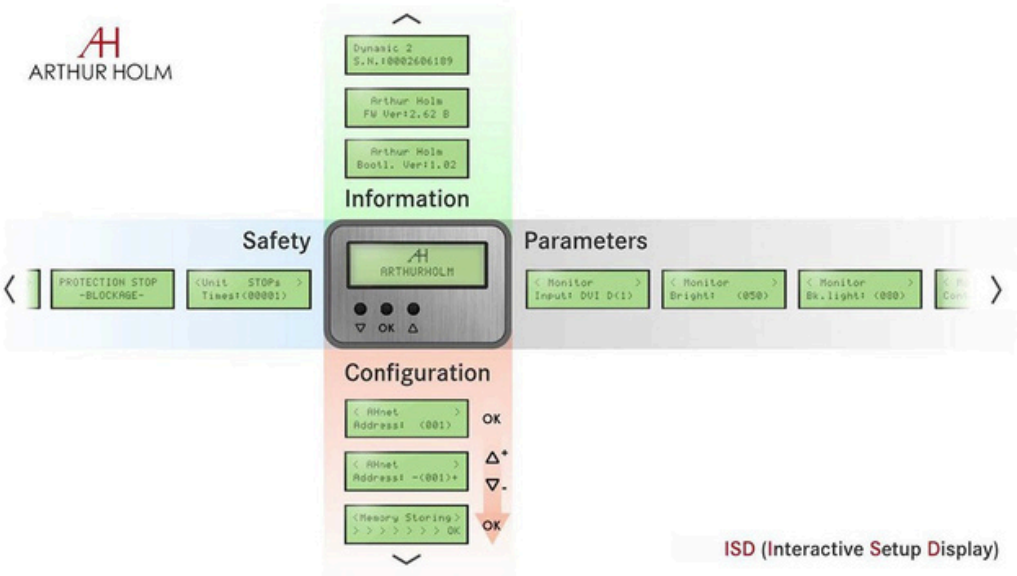
Mechanical Dimensions

| | |
|-------------------------|--|
| Screen | 518 x 310.78 x 20mm [20.39" x 12.23" x 0.79"] |
| Top frame | 518 x 20mm [20.39" x 0.79"] |
| Housing below the table | 621 x 607 x 80mm [24.45" x 23.9" x 3.15"] |
| Weight | 18kg / 39.6lb |

Connectivity panel



Interactive Setup Display (ISD)



Consultants, architects and engineers specifications

Vertically retractable 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 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 24mm. The top of the monitor housing shall be flush with the table when in recessed position.

The monitor shall have a brightness of 350 cd/m2, a contrast ratio of 1000:1 and a backlight lifespan of 50,000 hours.

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 provide 2 DVI – HDCP Compliant inputs by a licensed HDCP monitor manufacturer. The monitor shall provide an addressable RS-422 / RS-485 Full Duplex 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 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 compatible with the AHlink wireless Android and iOS App for the setup, diagnosis and control.

General dimensions

