

- Opens and folds down
- Adjustable and memorizable tilt angle from 90° to 110°
- Synchronized tray lift movement
- Floating security sensor
- Entirely built of aluminum
- 2 DVI inputs HDCP compliant
- Front double-sided anti-reflective 2 sides coating 3mm black edged glass
- Low profile monitor enclosure
- Energy saving design, low consumption video controller
- Interactive Setup Display (ISD)
- HDCP compliant
- Energy saving design, low consumption video controller
- Wireless connectivity for setup and control
- Auto Mechanical Movement Calibration (AH-AMMC)

General

Arthur Holm Dynamic3 is a motorized product range that folds and unfolds while keeping a low profile inside the working desk for a perfect integration in the furniture.

The screen's lifting system automatically activates the elevation of a tray where keyboard and mouse can optionally be placed. The operating system to lift the tray includes at least two cams on each side for pushing the platform and two braces connecting the base and the closest cams. The screen is protected with an anti-reflective 2 side coating 3 mm black edged glass. The monitor has a dual safety system that detects obstructions causing the unit to stop through a floating security sensor.

Dynamic3 is available from 15.6" to 21.5", 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 I/O allowing the remote control of movements, speeds, safety settings, brightness, contrast and backlight.

Dynamic3R has an additional movement, which allows the monitor to rotate 180° and be folded with the screen facing up.

The monitors are equipped with Auto Mechanical Movement Calibration (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 monitor is compatible with AHlink Android and iOS app allows access to the setup, diagnose and control menus.

Options and accessories

- Projected capacitive multi-touch screen
- DynamicLoop
- DynamicShare
- Built-in DynamicTalk
- Integrated USB camera
- Integrated connectors on cover plate
- Retractable HDMI cable
- Keyboard and mouse
- Underneath installation
- Customer laser-engraved logo on the cover plate
- Black anodised
- Painted
- Gold finish
- ERT-30 / ERT-60

Certifications

- CE
- IECEE
- CB

Warranty

- 2 years general warranty



Keyboard and mouse are optional.

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 | 0.24795 (h) x 0.24795 (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 | Anodized aluminum |
| Glass | AR 2 side with an anti-reflective coating on the glass surface. Thickness: 3.0 ±0.3mm |
| Cover plate | Anodized aluminum |

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) |

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 |

Movements Control

| | |
|---------------------------|-----------------------------------|
| User interface on monitor | (Up/Down) |
| Remote | RS-422/RS-485 Full Duplex I/O/GPI |

Electrical

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

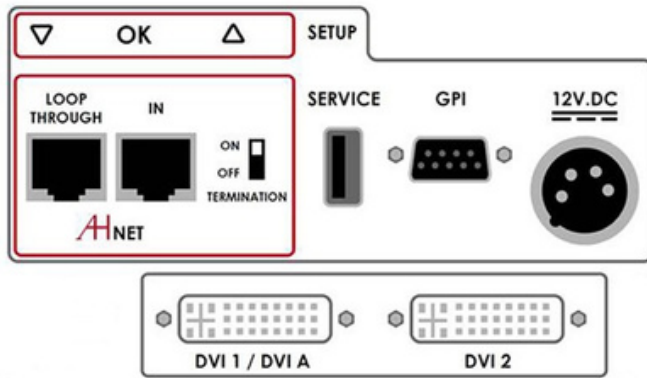
Accessories

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

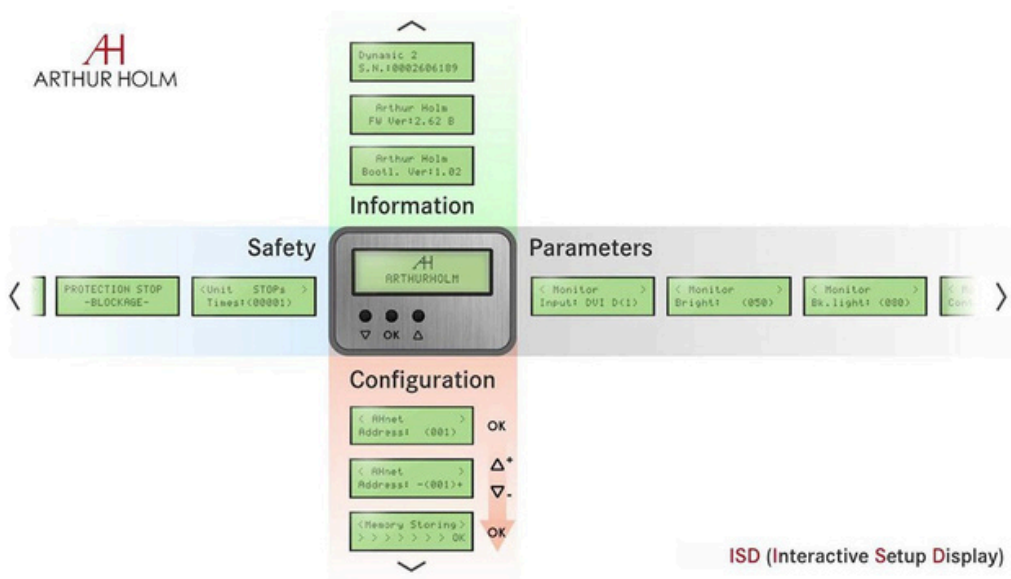
Mechanical Dimensions

| | |
|-------------------------|--|
| Screen | 538 x 339 x 33mm [21.18" x 13.33" x 1.30"] |
| Upper cover plate | 609 x 477mm [23.97" x 18.77"] |
| Housing below the table | 595 x 456 x 102.5mm [23.42" x 17.95" x 4.03"] |
| Weight | 21.8kg / 48.06 lb |

Connectivity panel



Interactive Setup Display (ISD)



ISD (Interactive Setup Display)

Consultants, architects and engineers specifications

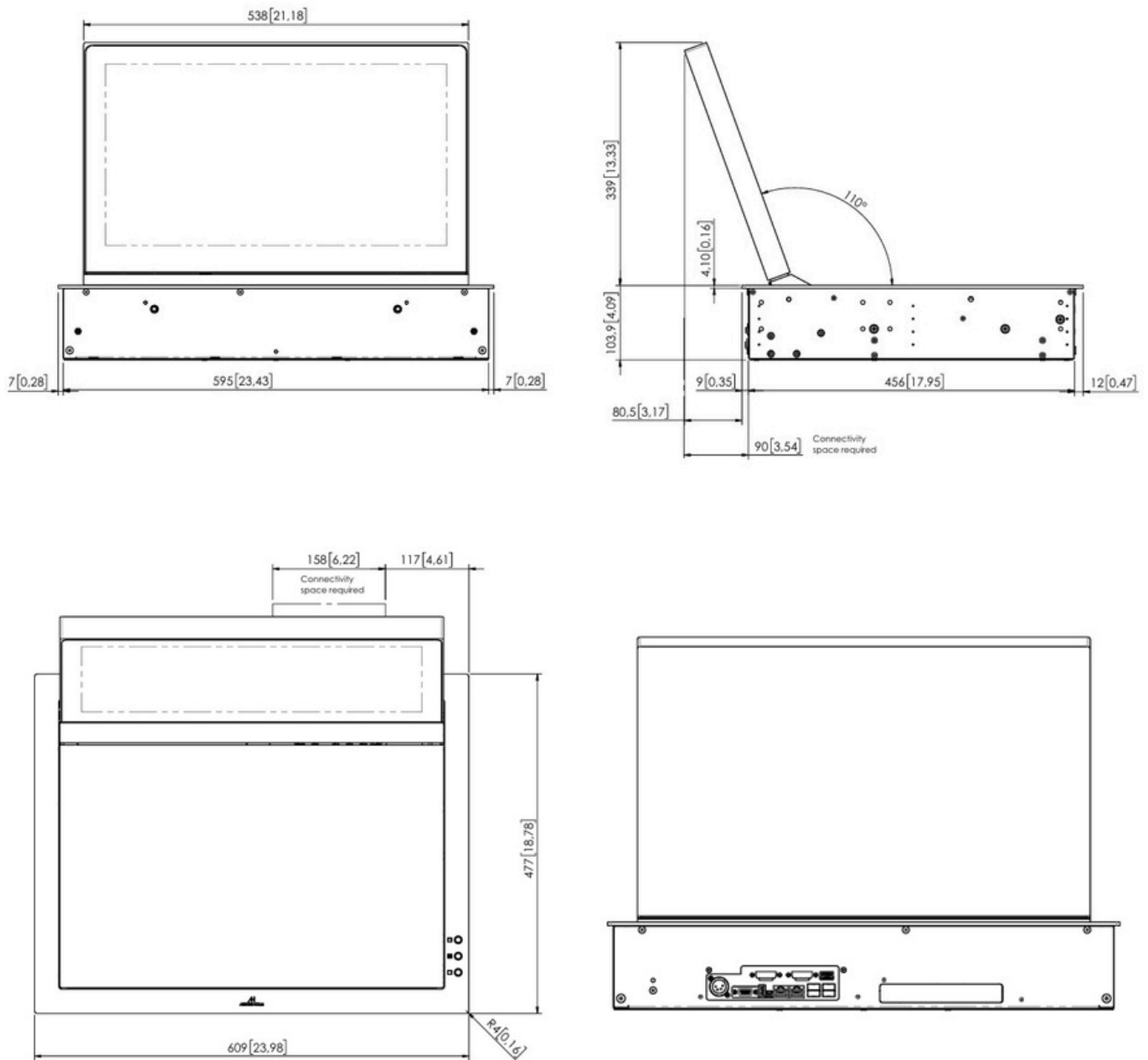
Motorized foldable 21.5" Full HD professional monitor. The monitor housing shall be made of milled anodized aluminum and the screen shall be protected with anti-reflective 2 side coating black edged 3 mm glass. The monitor shall have a brightness of 500cd/m2, and a contrast ratio of 1000:1.

The monitor's opening mechanism shall activate automatically the rising of a synchronized aluminum tray covering the entire opening surface. The operating system to lift the tray shall include at least two cams on each side for pushing the platform and two braces connecting the base and the closest cams. The monitor shall be capable to be folded with the screen facing down. The monitor shall have a dual safety system that detects obstructions causing the unit to stop through a floating security sensor.

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 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 the AHlink wireless Android and iOs App for the setup, diagnosis and control.

General dimensions



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