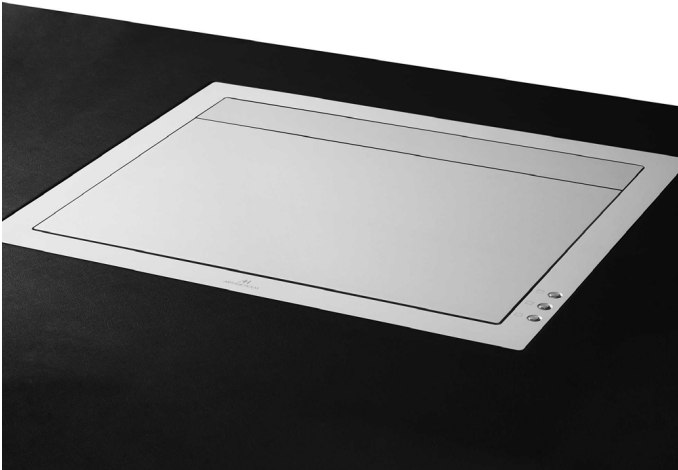


## Dynamic3

HDCP compliant aluminium motorised foldable monitor



### FEATURES

- Opens and folds down
- Adjustable and memorisable tilt angle from 90 to 110°
- Synchronised tray lift movement
- Entirely built of aluminium
- 2 DVI I/HDCP compliant
- Interactive Setup Display (ISD)
- Front double sided anti-reflective 2 sides coating 3 mm black edged glass
- Auto Mechanical Movement Calibration (AH-AMMC)
- Low profile monitor enclosure
- Floating security sensor
- Maintenance free
- HDCP compliant
- Energy saving design, low consumption video controller
- Serial control and remote diagnosis
- Wireless connectivity for setup and control
- Individual monitor addressing
- 40 Pounds workload

### GENERAL

Arthur Holm Dynamic3 is a motorised product range that folds and unfolds while keeping a low profile inside the working desk for a perfect integration in the furniture. The aluminium monitor housing rises and folds down.

The screen's lifting system automatically activates the elevation of a tray where keyboard and mouse can be placed. We have selected the best possible aluminium finishing specifications in the world, providing the maximum technical and visual performance and the screen is protected with an anti-reflective 2 side coating 3 mm black edged glass.

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 I/O allowing the remote control of movements, speeds, safety settings, brightness, contrast and backlight.

The monitors are equipped with an auto mechanical calibration movement system. 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 AHlink Android and iOS app allows getting the monitor's serial number without accessing the interior of the table and allows access to the setup and control menu.

#### ARTHUR HOLM

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

Technology serving Design

**Display**

|   |  |
|---|--|
| Size                                      | FULL HD 17.3" TFT Active Matrix                |
| Resolution                                | 1920 (h) x 1080 (v)                            |
| Brightness                                | 400 cd/m2                                      |
| Contrast ratio                            | 600:1  |
| Pixel                                     | 0.1989 (h) x 0.1989 (v) mm                     |
| Viewing angle                             | 60°/80° (u/d) / 80°/80° (l/r)                  |
| Viewing area                              | 381.888 (h) x 214.812 (v) mm                   |
| LED backlight lifespan                    | 50,000 hrs                                     |
| Response time                             | Tr 37 ms, Tf 3 ms                              |
| Temperature<br><i>(operating/storage)</i> | Operating 0°C – +40°C<br>Storage -20°C – +60°C |

**Materials**

|                 |  |
|-----------------|--|
| Monitor housing | Anodised Aluminium   |
| Glass           | AR 2 side with an anti-reflective coating on the glass surface.<br>Thickness: 3.0 ± 0.3 mm |
| Cover plate     | Anonised aluminium   |

**Connectivity**

|                       |  |
|-----------------------|--|
| Input signal          | DVI-I (1 input) – HDCP Compliant<br>DVI-D (1 input) – HDCP Compliant |
| RJ45 CAT5 (with loop) | Addressable RS422 monitor control by AHnet protocol                  |
| GPI (SubD9)           | Movements Control  |
| USB                   | For service  |

**OPTIONS**

- DynamicLoop
- DynamicShare
- Projected capacitive multi-touch screen
- Built-in camera
- Built-in DynamicTalk
- Integrated connectors on cover plate
- Retractable HDMI cable
- Underneath installation prepared to be veneered
- Laser engraved logotype on cover plate
- Keyboard and mouse
- Priority button
- Anodised in black
- Gold finish
- Bronze finish
- Painted

**Control**

|  |
|--|
| RJ45, RS-422 (I/O)                             |
| Addressing                                     |
| Termination switch                             |
| GPI  |
| IR Remote control (monitor adjustments): 1 / 5 |

**Movement's Control**

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

**Electrical**

|   |                            |
|---|----------------------------|
| Low voltage<br><i>(external power supply)</i> | 100-240Vac, 47/63Hz, 12Vdc |
| Power consumption                             | 50W                        |

**Mechanical**

|                         |   |
|-------------------------|---|
| Dimensions:             |   |
| Upper cover plate       | 509 x 419 x 3.25 mm<br>[20.03" x 16.49" x 0.98"]    |
| Housing below the table | 499 x 401.9 x 102.5 mm<br>[19.64" x 15.82" x 4.03"] |
| Weight                  | 17.7 Kg / 39.02 Lbs                                 |
| Shipping Dimensions:    |   |
| Weight                  | 18.8 Kg / 41.4 Lbs                                  |
| Shipping Box            | 559 x 469 x 222 mm<br>[22" x 18.46" x 8.74"]        |

**BENEFITS**

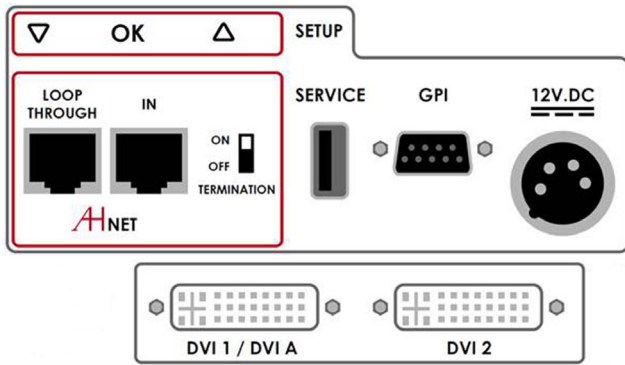
- Flexibility and versatility
- No loss of work space
- Low profile monitor enclosure
- Keyboard and mouse storage space

**CERTIFICATIONS**

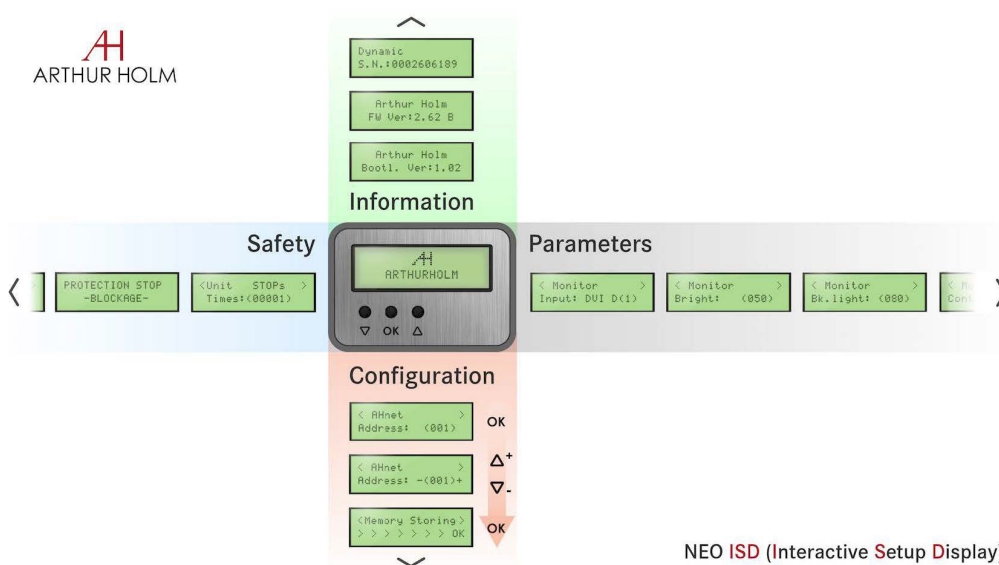
- CE
- FCC
- IECEE

**WARRANTY**

- 2 years limited warranty



INTERACTIVE SETUP DISPLAY



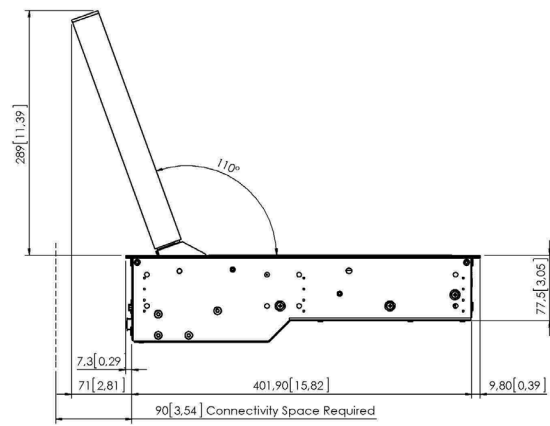
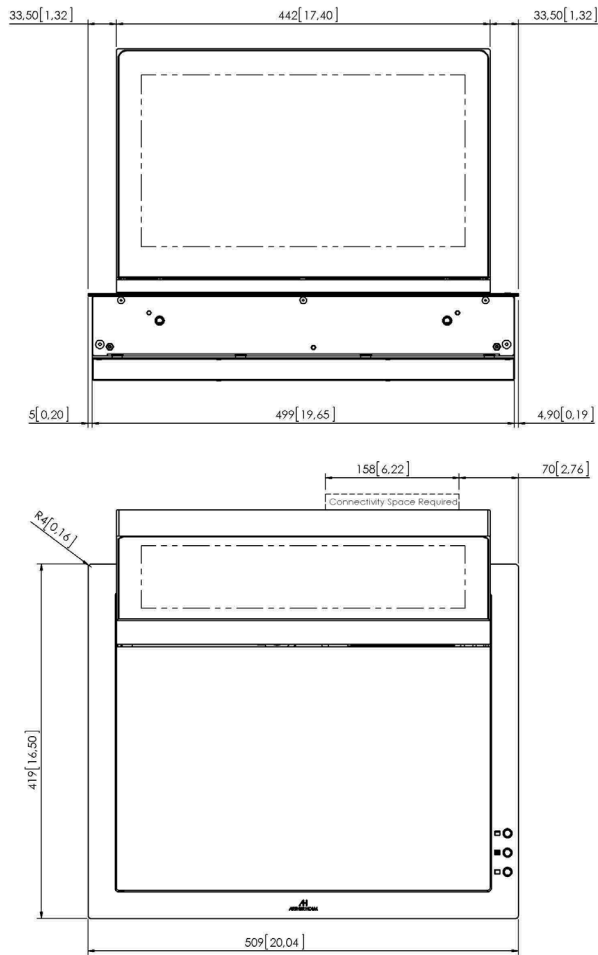
NEO ISD (Interactive Setup Display)

CONSULTANTS, ARCHITECTS AND ENGINEERS SPECIFICATIONS

Motorised foldable 17.3" Full HD professional monitor. The monitor housing shall be made of milled anodised aluminium and the screen shall be protected with anti-reflective 2 side coating black edged 3 mm glass. The monitor shall have a brightness of 400 cd/m2, a contrast ratio of 600:1 and a backlight lifespan of 50,000 hours.

The monitor’s opening mechanism shall activate automatically the rising of a synchronised aluminium tray covering the entire opening surface. 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 dual safety system that detects obstructions causing the unit to stop through a floating security sensor. 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 controlled by a wireless Android and iOS app providing information about the monitor’s serial number, and providing access to the control and to the setup menu.



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