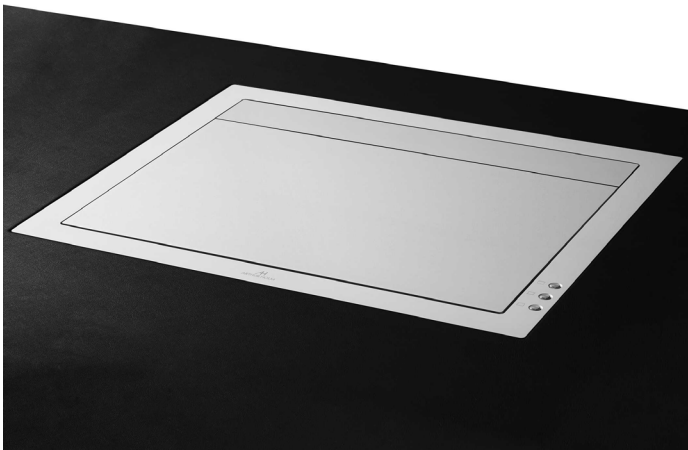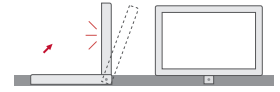# Dynamic3

Aluminium foldable monitor

FEATURES

- Flush mounted motorised foldable monitor
- Adjustable & memorisable tilt angle
- Interactive setup display
- Maintenance free

- HDCP compliant
- Energy saving design
- Dual safety system
- Serial control & Remote diagnose

GENERAL

Dynamic3 monitors have been designed for installation into tables or desks. Built entirely of aluminium and black edged anti-glare glass, the Dynamic3 monitors offer a discreet and timeless design.

The anodised finish provides a soft, silky effect, is extremely resilient and also serves to dissipate heat. The glass protects the screen, reduces "mirror" effect, allows for natural transparent colour and can work as a touch surface. Integration into furniture is extremely easy. The back of the monitor can be veneered with different materials to allow

for a uniform table finish when the screen is folded. The screen rises, leans and retracts inside the work surface with the monitor oriented down. The screen's lifting system automatically activates the elevation of the keyboard and mouse tray.

The touchscreen can be used when the monitor is rised. Dynamic3 monitors are available in 15", 17", 19" & 22".

Technical Specifications

Display

Size	Full HD 21.5'' TFT Active Matrix
Resolution	1920 (h) x 1080 (v)
Brightness	250cd/m2
Contrast ratio	1000:1
Pixel	0.24975 (h) x 0.24975 (v) mm
Viewing angle	178° (v) / 178° (h)
Viewing area	476.064 (h) x 267.786 (v) mm
LED backlight lifespan	30.000 hrs
Response time	Tg-g 14 ms
Temperature *(operating/storage)*	Operating 0ºC – +40ºC Storage -20ºC – +60ºC

Materials

Frame	Anodised aluminium
Glass	AR 2-side with an anti-reflective coating on the glass surface. Thickness: 3.0 ± 0.3 mm
Cover plate	Anodised aluminium

Connectivity

Input signal	DVI-I (1 input) – HDCP Compliant DVI-D (1 input) – HDCP Compliant
RJ45 CAT5 (with loop)	Addressable RS422 monitor control by AHnet protocol
GPI (SubD9)	Movements control

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 *(external power supply)*	100-240Vac, 47/63Hz, 12Vdc
Power consumption	65W

Mechanical

Dimensions	609 x 477 x 102.5 mm [23.98''x18.78''x4.03'']
Weight	20 Kg / 44 lbs
Shipping Dimensions:	
Weight	21 Kg / 46.2 lbs
Shipping Box	649 x 512 x 212 mm

Options

- DynamicLoop
- DynamicShare
- Touch screen
- Keyboard & mouse
- USB camera for 15", 17" & 19" monitors
- Composite video camera for 15", 17" & 19" monitors
- HD-SDI camera
- USB integrated on cover plate
- 2 USB integrated on cover plate

- USB power integrated on cover plate
- Customised cover plate with speaker, voting system, USB connector
- Prepared for underneath installation, cover plate prepared to be veneered
- Additional Customised laser engraved logotype on the cover plate
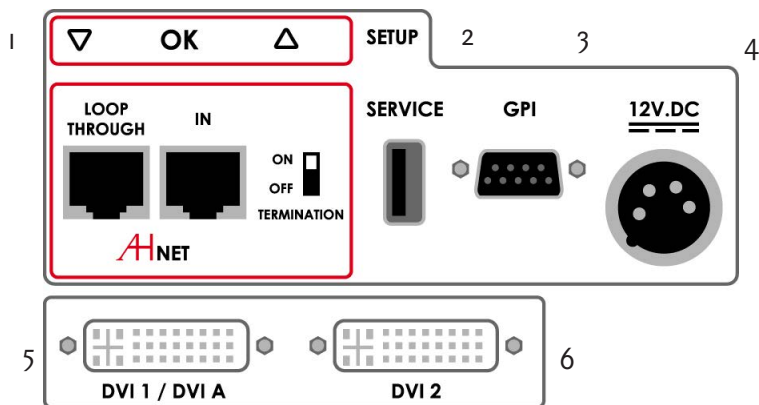- Monitor housing anodised in different colours

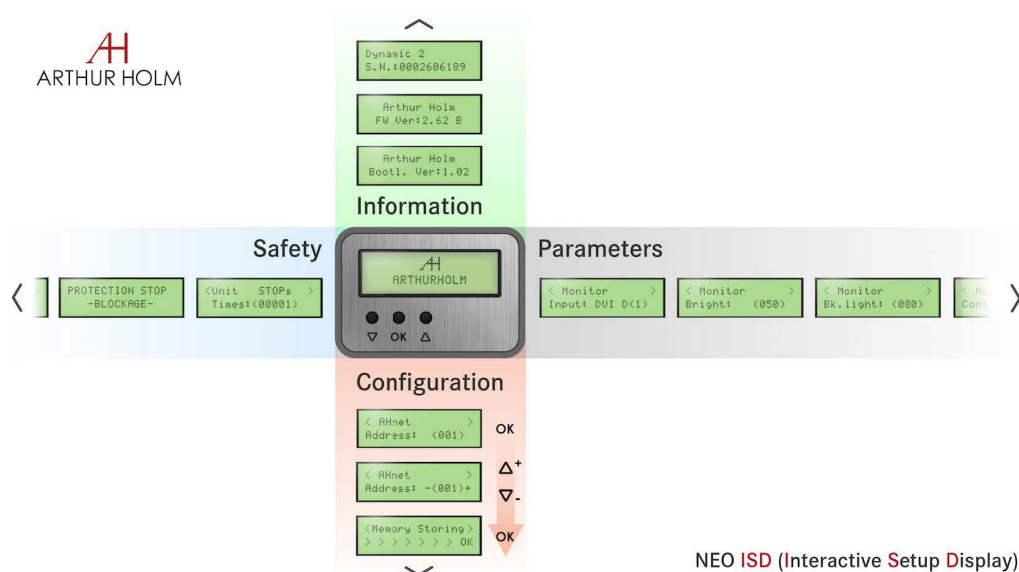## Certifications

- CE

Warranty

- 2 years general warranty

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

NEO ISD (Interactive Setup Display)

ARCHITECT'S SPECIFICATIONS

Single motor foldable 21.5" FULL HD motorised monitor. Low voltage. Screen housing milled out of solid aluminum in natural anodized finishing and aluminum cover frame. Front double sided anti-reflective 3 mm black edged glass. Motorised folding movement. Vertical position within 110 and 90 adjustable degrees. Storage position with the screen facing down with automatic screen switch-off system. DVI-I and DVI-D connectors, HDCP compliant inputs.
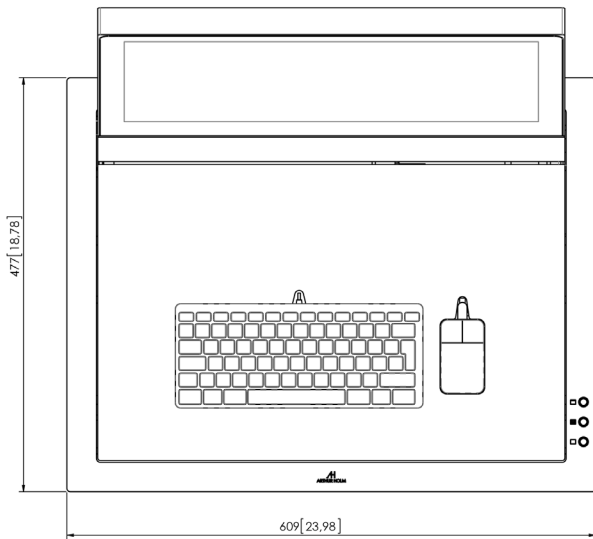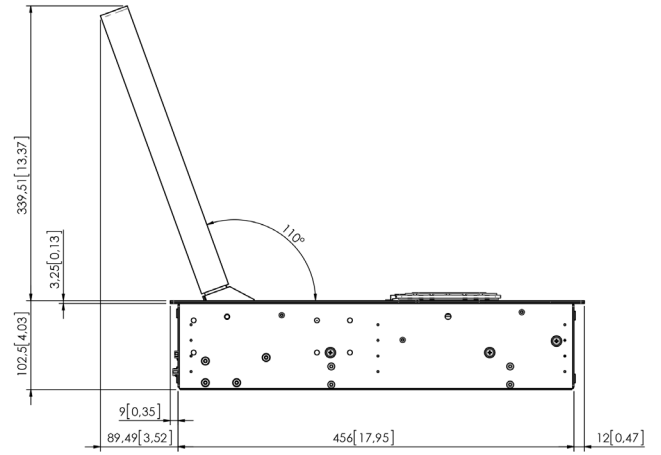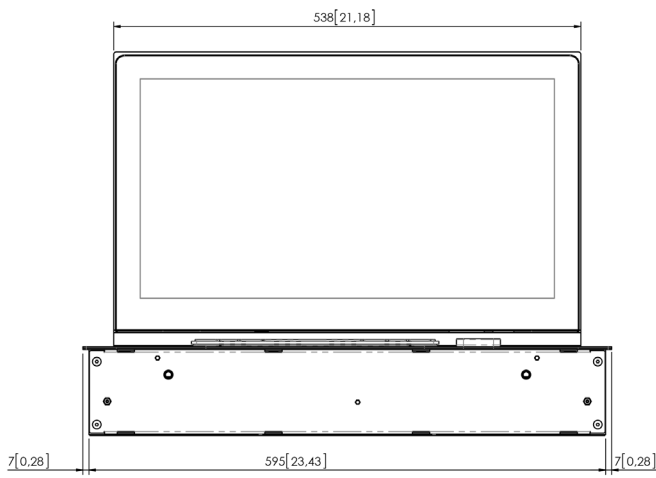
Compatible with AHnet open protocol over RS-422, allowing individual remote control of up to 30 units over a daisy-chain CAT-5 or CAT-6 line. Additional control by means

of the buttons integrated on the cover plate that can be activated or deactivated by using the AHnet protocol. Easy to read Interactive Setup Display (ISD). 2,2" LCD display for address setup and status monitoring. Dual safety system that detects obstructions, stopping the unit. External power supply with 4-Pin XLR4 connector.

Rear connectivity. Total depth of 102 mm for easier integration in the furniture. Adjustable parameters through AHnet or ISD for calibration and adjustment of mechanics. Diagnostic readout on ISD for service and support.

GENERAL DIMENSIONS