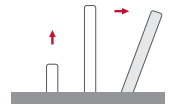![Arthur Holm logo] ARTHUR HOLM

DynamicX2

Aluminium retractable motorised monitor

FEATURES

- Automatic 20° inclination
- Passive cover plate
- Interactive Setup Display
- Maintenance free
- HDCP compliant

- Energy saving design
- Serial control & Remote diagnose
- Individual monitor addressing
- Integrated terminations switch

GENERAL

DynamicX2 monitors have been designed for installation into tables or desks.

DynamicX2 are elegant monitors built from a solid aluminium block. They have a vertical motorised movement with automatic 20° inclination to ensure the best ergonomics, viewing angle and visibility. This automatic tilting system provides a fast and silent response and highly reliable, maintenance-free solution. DynamicX2 have slightly curved edges for a contemporary and longstanding look. The range is available with Full HD from 15" to 22" and it can be supplied with adjustable tilt, touch screen, camera, single or double retractable microphones, speakers, voting system and multimedia connectors among others.

The anodised aluminium housing can be customised in different colours and finishes. The safety system stops the movement if any resistance is detected for a secure environment.

The standard top-table cover plate is made of brushed stainless steel. It can optionally be supplied with a matt finish or it can disappear when the product is prepared for underneath installation.

DynamicX2 monitors are remotely controllable and diagnosable through the ERT interfaces in an easy and cost effective way.

TECHNICAL SPECIFICATIONS

Display

Size	FULL HD 21.5" TFT Active Matrix
Resolution	1920 (h) x 1080 (v)
Brightness	250 cd/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
Cover plate	Stainless steel, matt or prepared for underneath installation (to be veneered)

Connectivity

Input signal	DVI-I (1 input) — HDCP Compliant - Digital / Analog DVI-D (1 input) — HDCP Compliant - Digital
RJ45 CAT5 (with loop)	Addressable RS422 monitor control by AHnet protocol
GPI (SubD9)	Up/Down control
USB Connector for service	

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	70W

Mechanical

Monitor Dimensions:	
Screen	538.8 x 304 x 25 mm [21.21"x11.96"x0.98"]
Upper cover plate	636 x 95 x 3 mm [25.04" x 3.74" x 0.12"]
Housing below the table	621 x 590 x 80 mm [24.45"x23.23"x3.15"]
Weight	20.1 kg / 44.3 lbs
Shipping Dimensions:	
Weight	21.1 Kg / 46.5 lbs
Shipping Box	735 x 185 x 725 mm

OPTIONS

- HDMI/ DynamicLoop
- DynamicShare
- Stainless steel box for keyboard and mouse
- Matte cover plate
- Touch screen
- USB camera
- Composite video camera
- HD-SDI camera
- Built in DynamicTalk
- Motorised retractable synchronised single microphone
- Dual motorised synchronised microphones

- 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
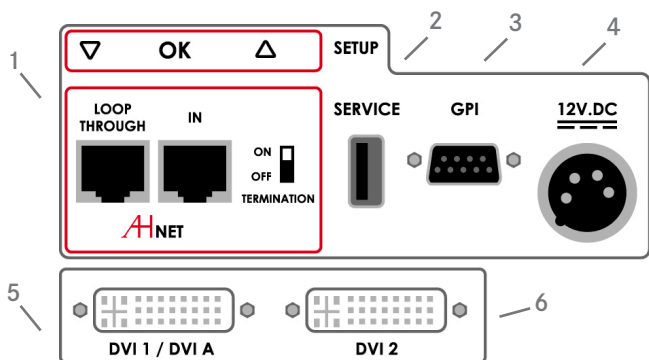- Adjustable tilt

CERTIFICATIONS

- CE

WARRANTY
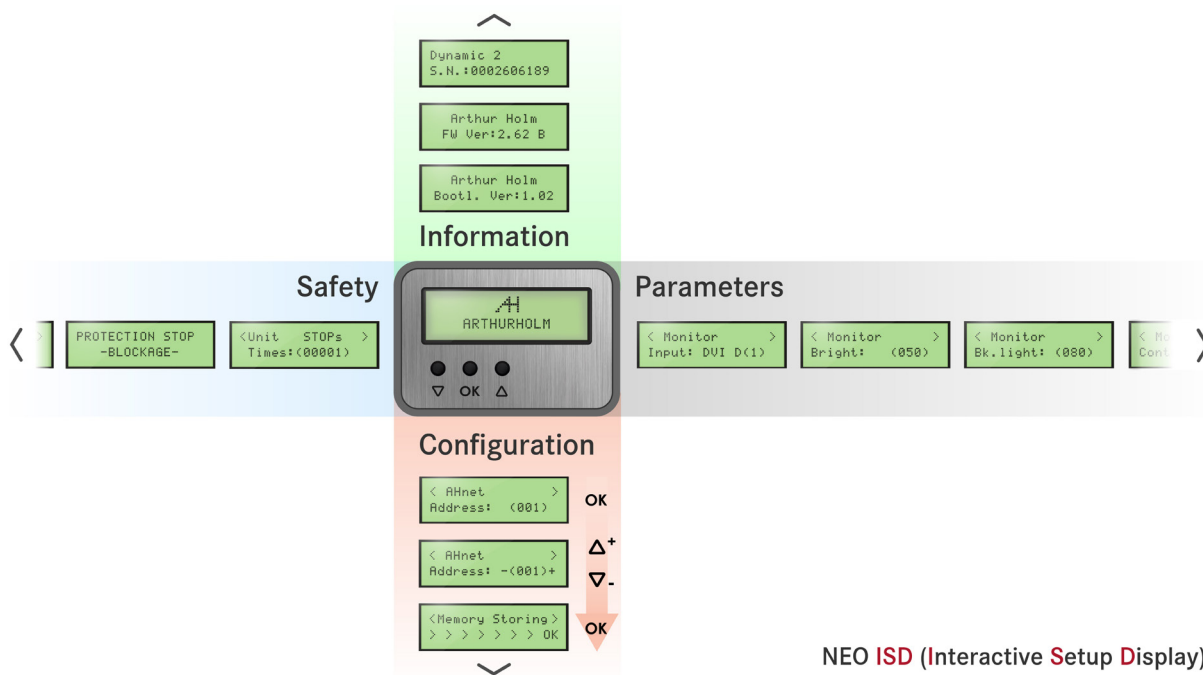
- 5 years limited warranty
- 2 years general warranty

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)
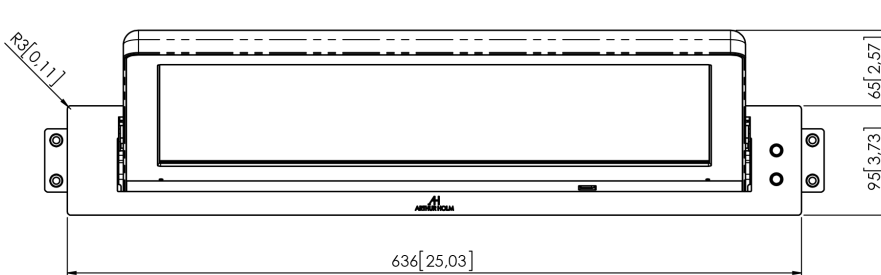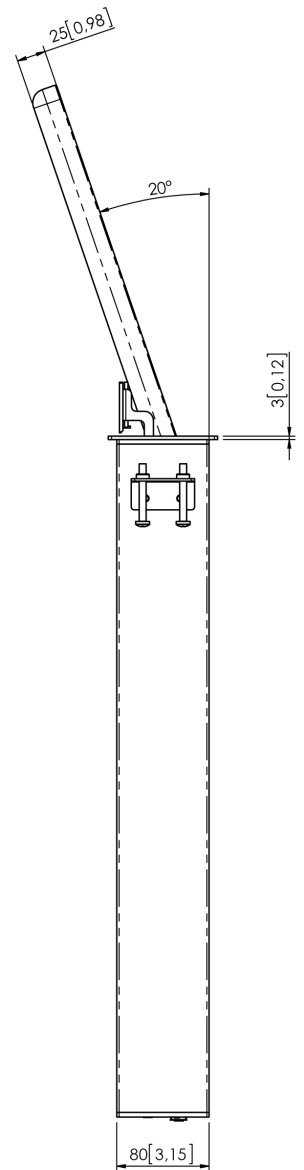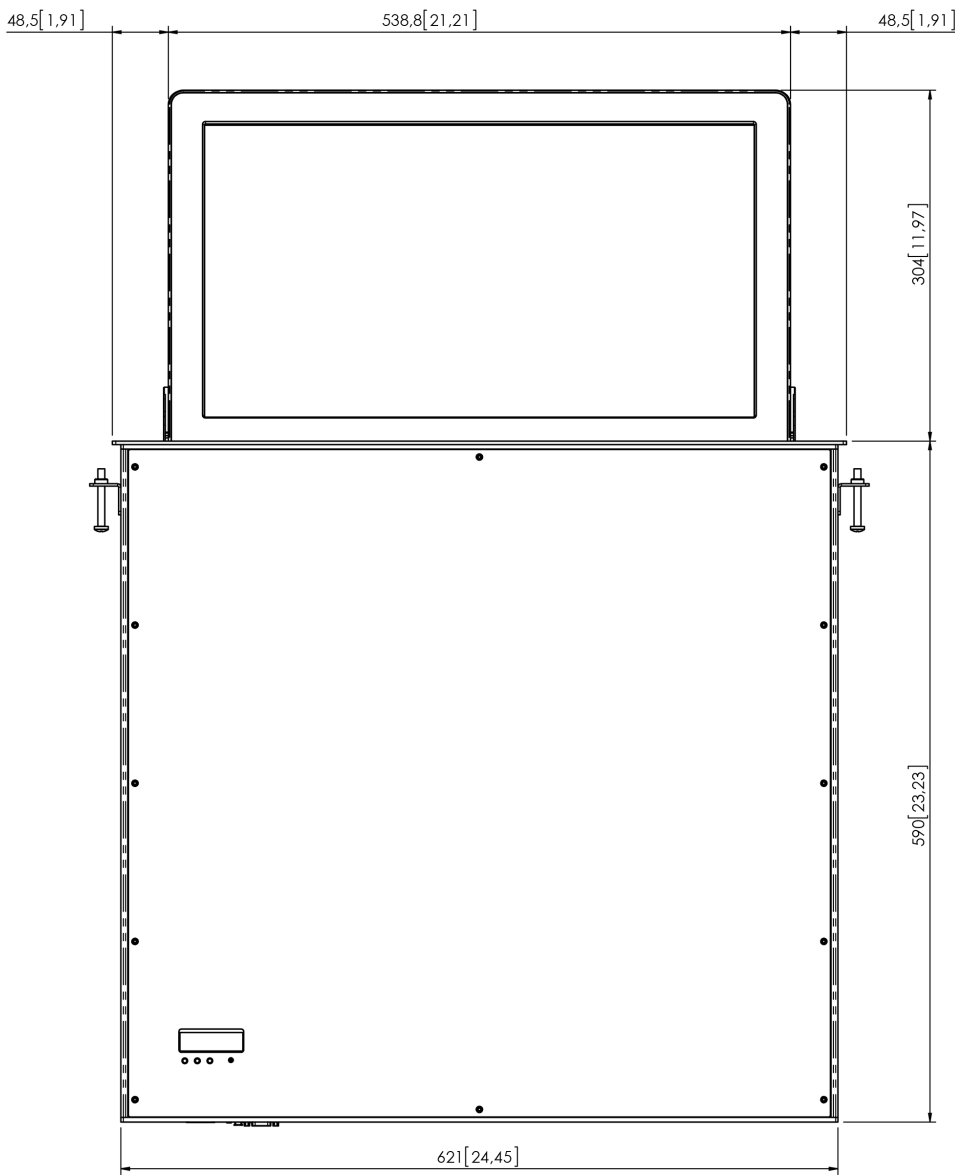
ARCHITECT'S SPECIFICATIONS

Single motor retractable 21.5" Full HD monitor with 20˚ of automatic inclination. Low voltage. Solid block of aluminium monitor housing in natural anodised finishing, with rounded corners design. Passive opening cover plate for enhanced reliability. DVI-I and DVI-D connectors, HDCP compliant inputs.

Easy to read Interactive Set-Up Display (ISD) 2.2" LCD display, allowing local and remote configuration, operation and troubleshooting without having to remove the monitor from the furniture. When connected to the AH ERT interface, the assisted addressing system facilitates the address configuration by simply pressing one button in an easy and convenient way.

Embedded speed and protection pre-sets for quick restore to factory values (enabling a rapid reset to factory values if required). Auto-check feature for auto-diagnostic and internal protection functions. USB port for local firmware upgrade. Safety system that detects obstructions (causing unit to stop).

Adjustable mechanical parameters through AHnet or ISD for calibration and adjustment of mechanics. Adjustable parameters of brightness, contrast and backlight through RS-422. External power supply with 4-Pin XLR4 connector.

GENERAL DIMENSIONS

48,5[1,91]   538,8[21,21]   48,5[1,91]

25[0,98]

304[11,97]

20°

3[0,12]

590[23,23]

621[24,45]

80[3,15]

R3[0,11]

65[2,57]

95[3,73]

636[25,03]