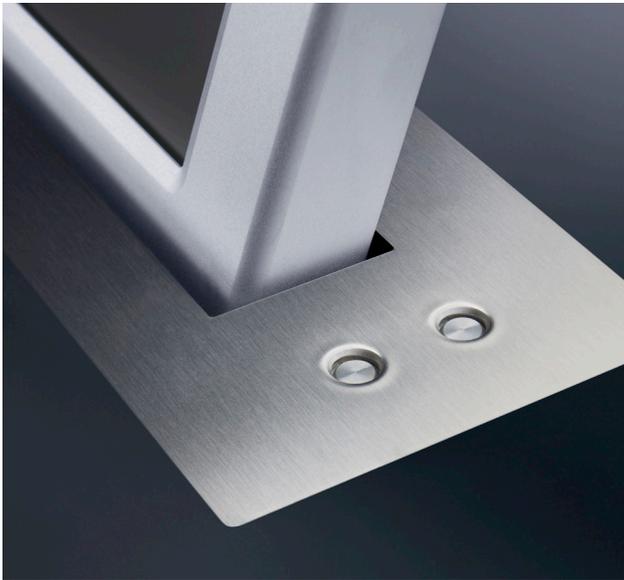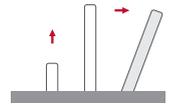# Dynamic2

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

GENERAL

Dynamic2 monitors have been designed for installation into tables or desks.

Dynamic2 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. Dynamic2 have squared edges for a classic and timeless look. The range is available from 12" 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.

Dynamic2 monitors are remotely controllable and diagnosable through the ERT interfaces in an easy and cost effective way.

TECHNICAL SPECIFICATIONS

Display

Size	FULL HD 18.5'' Active Matrix
Resolution	1920 (h) x 1080 (v)
Brightness	400 cd/m2
Contrast ratio	1500:1
Pixel	0.213 (h) x 0.213 (v) mm
Viewing angle	85°/85° (u/d) / 85°/85° (l/r)
Viewing area	408.96 (h) x 230.04 (v) mm
LED backlight lifespan	50.000 hrs
Response time	Tr + Tf = 35ms
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 or for table hedge)

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)	Up/Down 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	55W

Mechanical

Monitor Dimensions:	
Screen	472 x 259 x 29 mm [18.58'' x 10.20'' x 1.14'']
Upper cover plate	564 x 95 x 3 mm [22.2'' x 3.73''x 0.12'']
Housing below the table	549 x 590 x 80 mm [21.61'' x 23.23'' x 3.15'']
Weight	19.1 Kg / 42.1 lbs
Shipping Dimensions:	
Weight	20.1 Kg / 44 lbs
Shipping Box	640 x 165 x 705 mm

OPTIONS

- 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
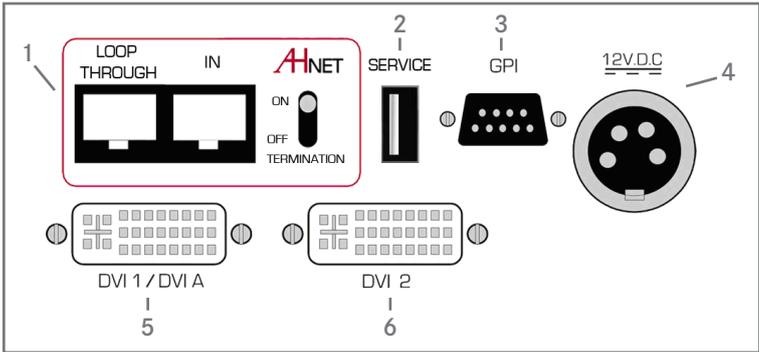- Adjustable tilt

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
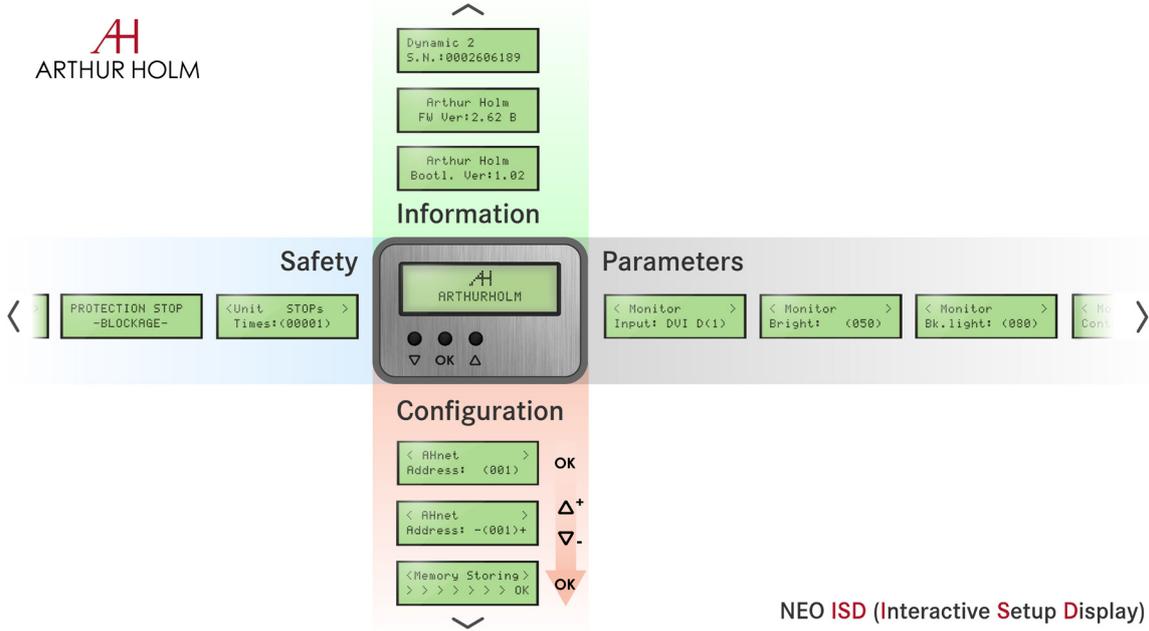
NEO ISD (Interactive Setup Display)

ARCHITECT'S SPECIFICATIONS

Low voltage professional electrically retractable Full HD 18,5" FULL HD monitor with 20° of automatic inclination. Solid block of aluminium monitor housing in natural anodized finishing, with square corners design. Passive opening cover plate for enhanced reliability. 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. 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 just 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 Bottom connectivity for easy access and removal of monitor. Monitor housing total depth of 590 mm, plus additional spacing for connectors. Adjustable parameters through AHnet or ISD allowing calibration and adjustment of mechanics.
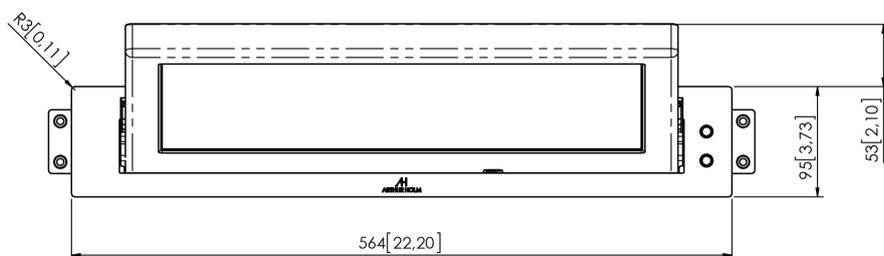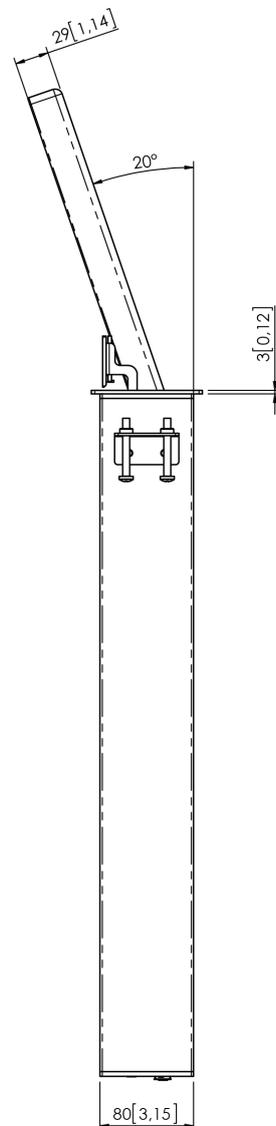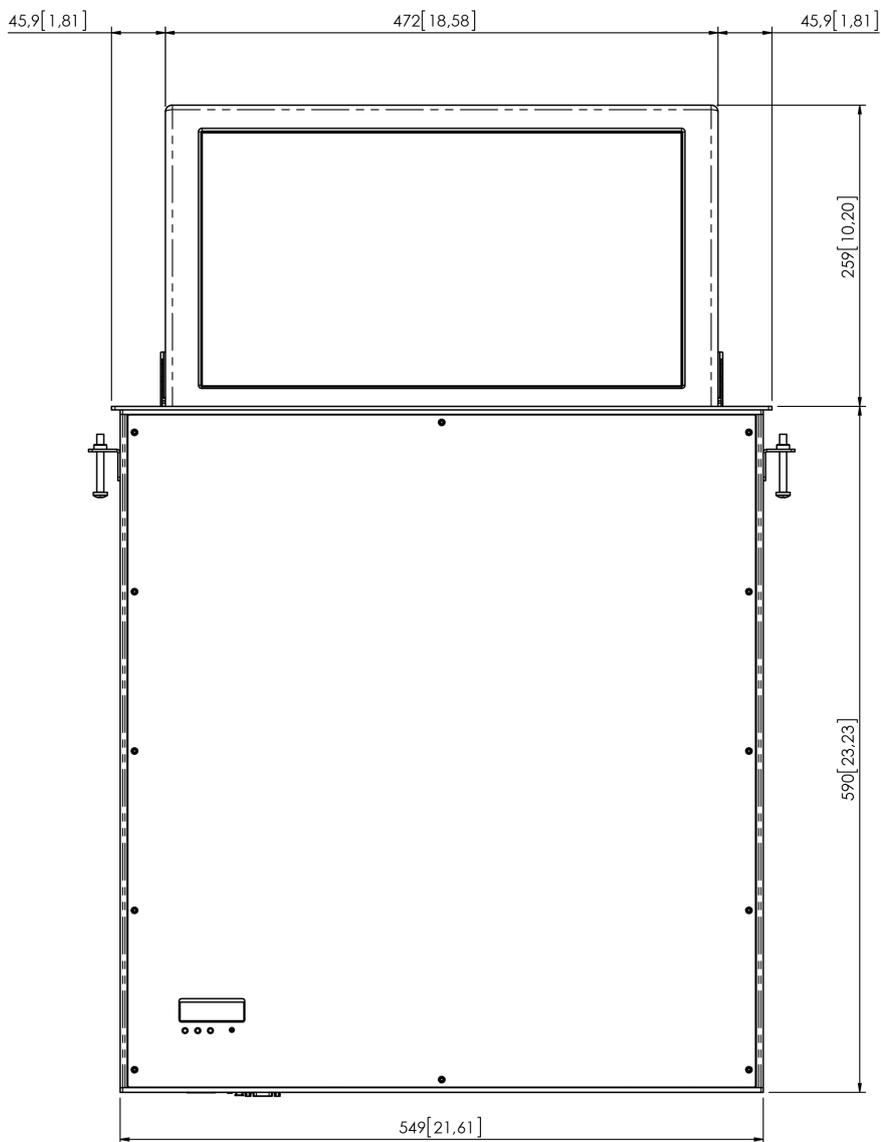
GENERAL DIMENSIONS

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