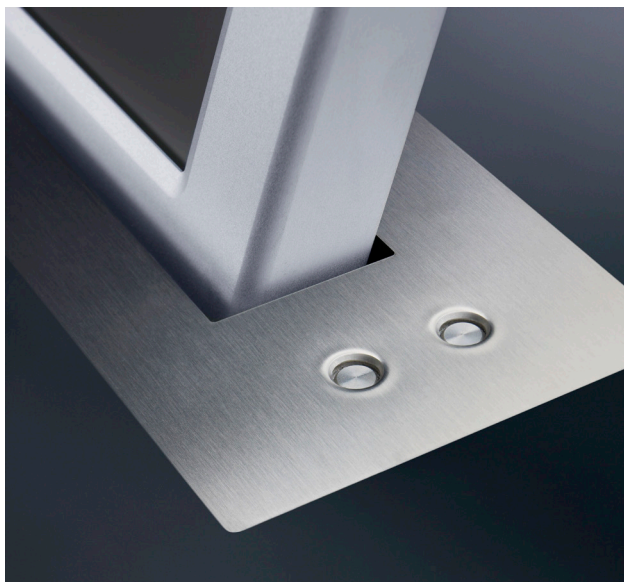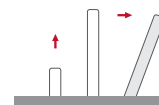# Dynamic2

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.

ARTHUR HOLM

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

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TECHNICAL SPECIFICATIONS

Display

Size	FULL HD 21.5" TFT Active Matrix, widescreen
Resolution	1920 (h) x 1080 (v)
Brightness	300 cd/m2
Contrast ratio	1000:1
Pixel	0.247 (h) x 0.247 (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 25 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 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	70W

Mechanical

Monitor Dimensions:	
Screen	538.8 x 300 x 27 mm [21.21"x11.79"x1.06"]
Upper cover plate	636 x 95 x 3 mm [25.04"x3.74"x0.12"]
Housing below the table	621 x 590 x 80 mm [24.45"x23.23"x3.15"]
Weight	20.2 Kg / 44.5 lbs
Shipping Dimensions:	
Weight	21.5 Kg / 47.3 lbs
Shipping Box	742 x 177 x 727 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
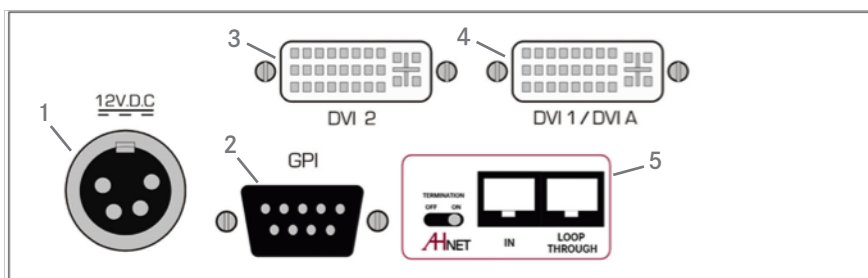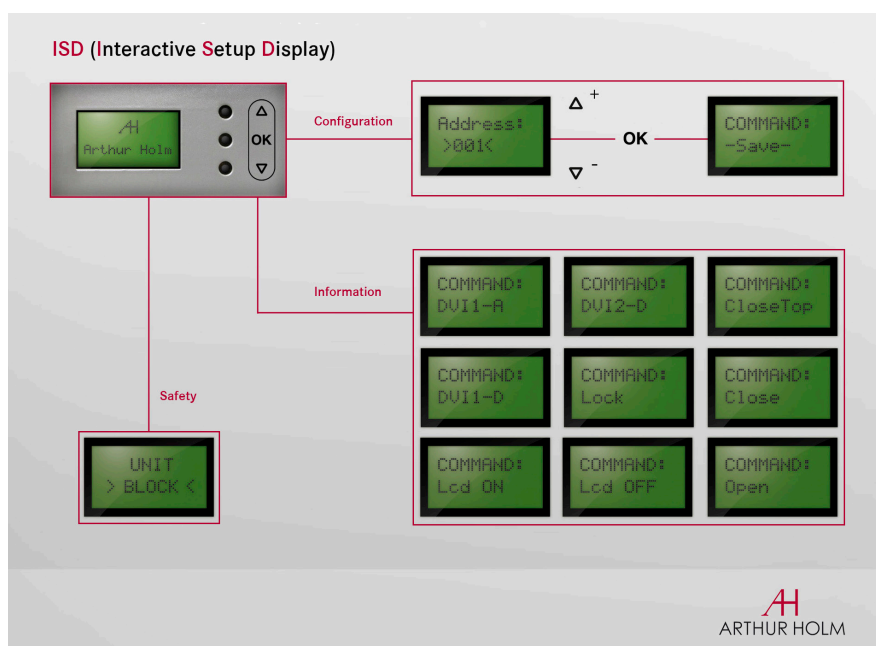- Adjustable tilt

CERTIFICATIONS

- CE

WARRANTY

- 5 years limited warranty
- 2 years general warranty

CONNECTIVITY PANEL

CONNECTIVITY

1- Power input
2- GPI control
3- DVI 2 video input
4- DVI 1 / DVI A video input
5- AHnet control interface

INTERACTIVE SETUP DISPLAY

ISD

1- Configuration
2- Information
3- Safety

ARCHITECT'S SPECIFICATIONS

Low voltage professional electrically retractable 21.5" 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. 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 Set-Up Display (ISD) 1,6" 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.

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. Diagnostic readout on ISD for service and support.

General Dimensions

48,6[1,91] 538,8[21,21] 48,6[1,91] 27[1,06]

300[11,79]

20°

3[0,12]

590[23,23]

80[3,15]

621[24,45]

R3[0,12]

68[2,68]

95[3,74]

636[25,04]