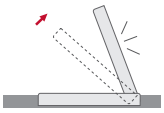
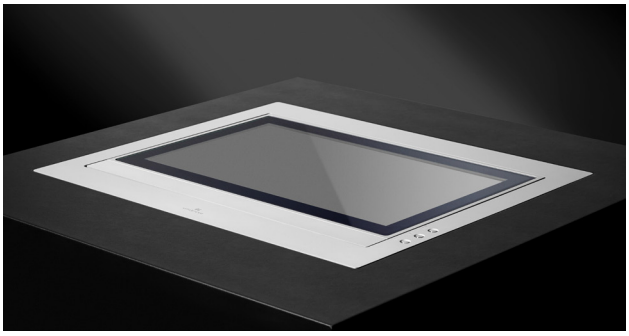
ARTHUR HOLM

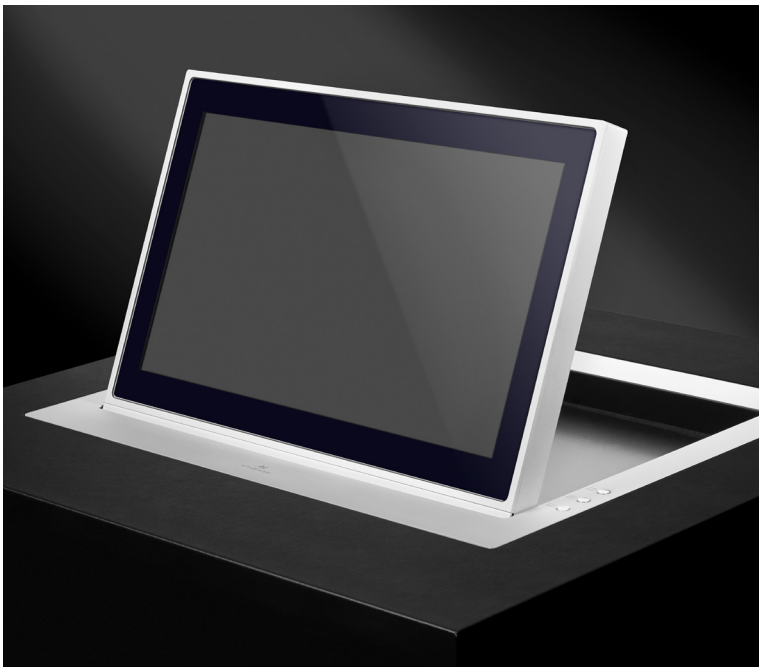
AH17D1HGA

Dynamic1H

Aluminium motorised monitor with adjustable position and screen always visible







Features

- 17.3” motorised monitor
- Adjustable position
- Position memory
- Interactive Setup Display
- Maintenance free
- HDCP compliant
- Energy saving design
- Safety system
- Serial control & Remote diagnose

General

Dynamic1H monitors have been designed for installation into tables or desks. The screen is always visible; it raises and leans flush on the desk, and can be stopped at any position from 0 to 80 degrees of inclination. A smart memory system will make easy setting up and recalling the desired position.

Built entirely of aluminium and finished with a black edged anti-reflection glass, Dynamic1H are extremely elegant, discreet and timeless. The anodised finish provides a soft, silky effect; it is extremely resilient and serves to dissipate heat.

The glass protects the screen, reduces the “mirror” effect, allows for natural transparent colour and also works as a multi-touch surface (optional). This range is available in 12.1”, 15.6”, 17.3” and 21.5” all providing excellent contrast and unsurpassed viewing angles. Dynamic1H monitors are equipped with a safety system which stops the movements if resistance is detected. These monitors are remotely controllable and diagnosable through the ERT interfaces in an easy and cost effective way.

ARTHUR HOLM
Albiral Display Solutions SL. · Fàtima, 25 Sant Hipòlit de Voltregà 08512 Bacelona, Spain · +34 938 502 376 · marketing@arthurholm.com
www.arthurholm.com
Arthur Holm is a registered brand of Albiral Display Solutions SL. Specifications subject to change without previous notice.

Technical Specifications

Display	
Size	17.3” TFT Active Matrix, FULL HD
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 *(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)	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	50W
Mechanical	
Monitor Dimensions:	
Upper cover plate	509 x 389 x 76 mm [20.04”x15.31”x2.99”]
Weight	17.8 kg / 39.24 lbs
Shipping Dimensions:	
Weight	18.8 kg / 41.44 lbs
Shipping Box	559 x 469 x 222 mm

Options

- Touch screen
- Built in DynamicTalk
- USB integrated on cover plate
- USB power integrated on cover plate
- Customised cover plate with speaker, voting system
- Customised laser engraved logotype on cover plate
- Anodisation in different colours

Certifications

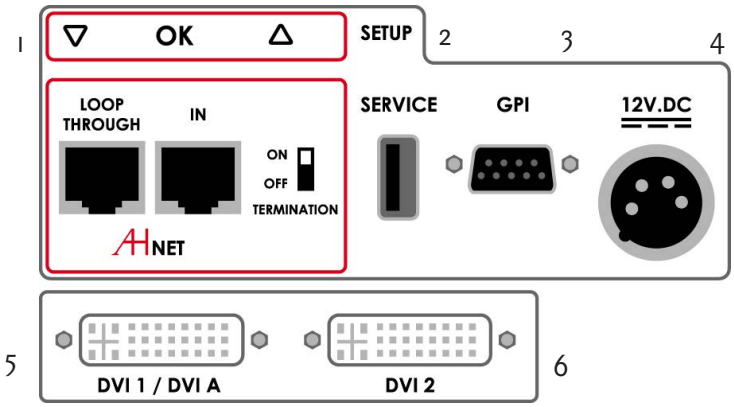
- CE

Warranty

- 2 years general warranty

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

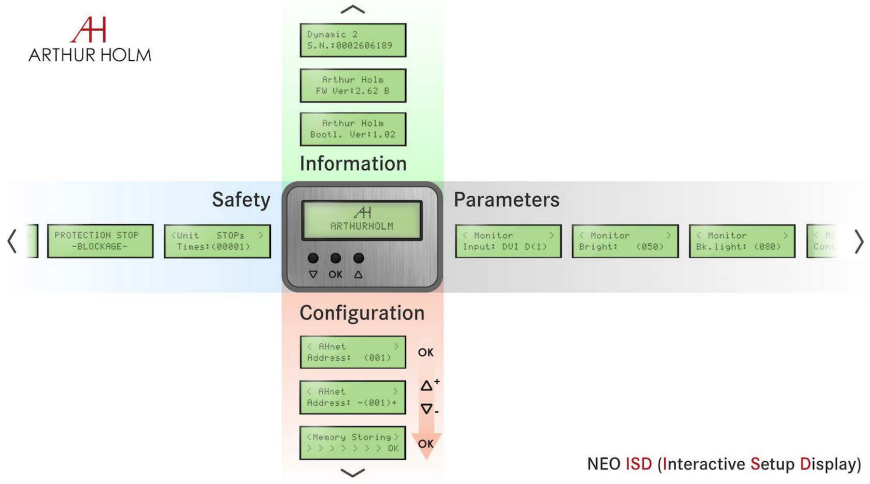
Connectivity Panel



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



Architect's Specifications

Single motor retractable 17.3" FullHD motorised monitor with the screen facing upwards. Screen housing milled out of solid aluminum in natural anodised finishing. Aluminium cover frame. Front double sided anti-reflective 3mm black-edged glass.

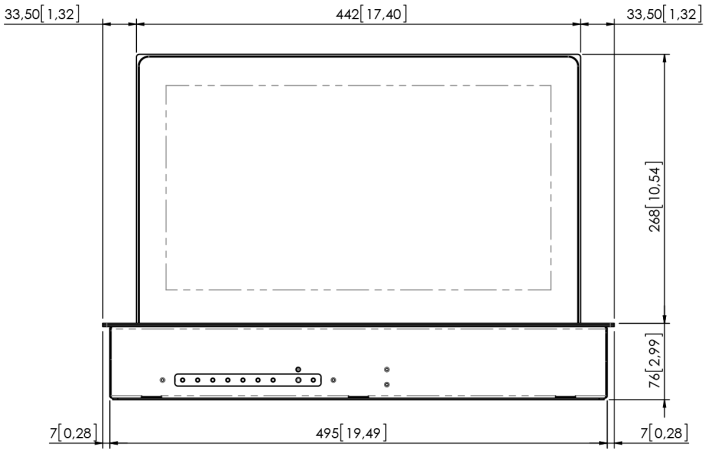
Motorised folding movement, adjustable tilt angle. Memory for user-defined tilt angle. DVI-I and DVI-D connectors, HDCP compliant inputs. Compatible with AHnet open protocol over RS-422, allowing independent remote control of up to 30 units over a daisy-chain CAT-5 or CAT-6 line. Additional control buttons integrated on the cover plate that can be activated or deactivated by using AHnet.

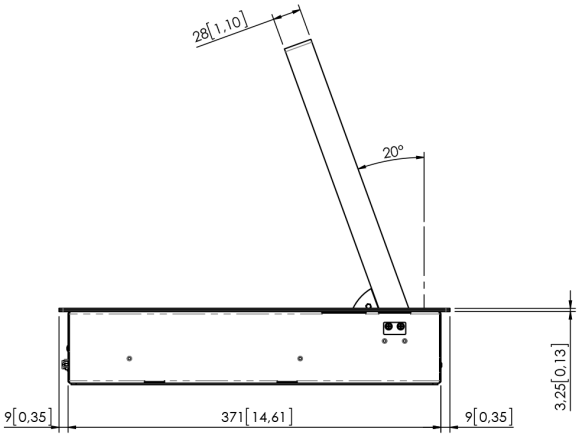
Easy to read Interactive Set-Up Display (ISD) 2,2" LCD display allowing individual remote configuration, operation & troubleshooting without removing monitor from furniture integration.

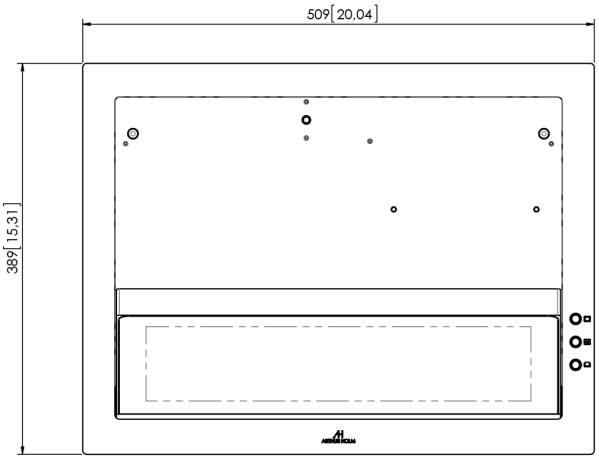
Safety system that detects obstructions, stopping the unit. External power supply with 4-Pin XLR4 connector. Adjustable mechanical parameters through AHnet or ISD for calibration and adjustment of mechanics. Diagnostic readout on ISD for increase service and support.

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

General Dimensions







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