Dynamic 1H
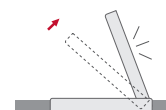
Aluminium motorised monitor with adjustable position and screen always visible

FEATURES

- 12.1" 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, and allows for natural transparent colour. 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.

TECHNICAL SPECIFICATIONS

Display

Size	12.1" TFT Active Matrix
Resolution	1280 (h) x 800 (v)
Brightness	400 cd/m2
Contrast ratio	1000:1
Pixel	0.204 (h) x 0.204 (v) mm
Viewing angle	88°/88° (u/d) / 88°/88° (l/r)
Viewing area	261.12 (h) x 163.2 (v) mm
LED backlight lifespan	50.000 hrs
Response time	Tr 15 ms, Tf 10 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: 2.0 ± 0.3 mm
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

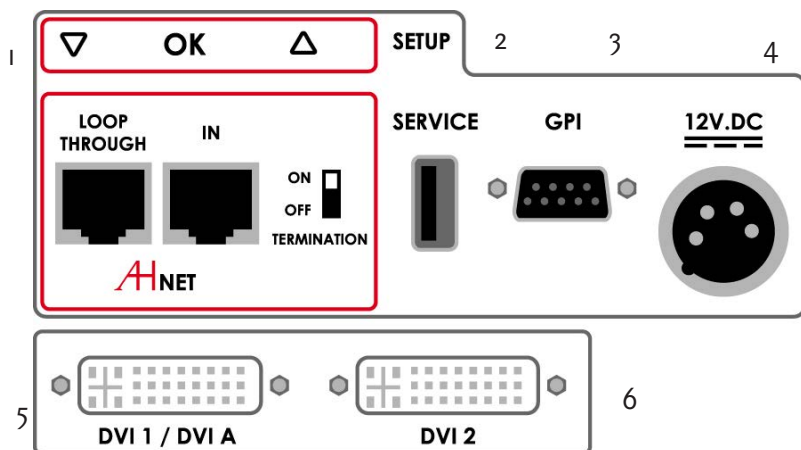|	
Low voltage *(external power supply)*	100-240Vac, 47/63Hz, 12Vdc
Power consumption	45W

OPTIONS

- 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
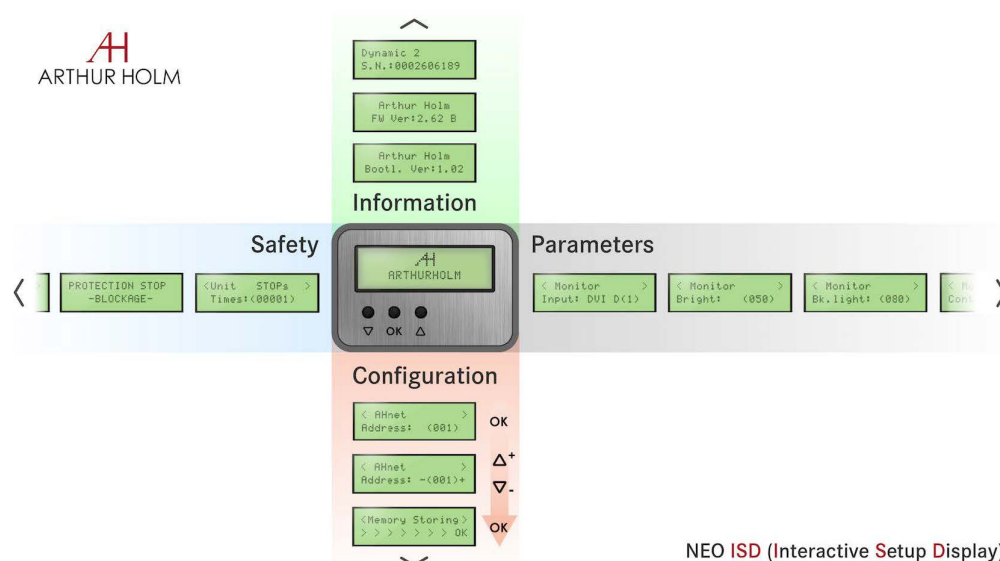
CERTIFICATIONS

- CE

WARRANTY

- 2 years general warranty

INTERACTIVE SETUP DISPLAY

NEO ISD (Interactive Setup Display)

ARCHITECT'S SPECIFICATIONS

Single motor retractable 12.1" widescreen monitor, with screen facing upwards. Screen housing milled out of solid aluminum in natural anodised finishing. Aluminum cover frame. Front double sided anti-reflective 2 mm 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.