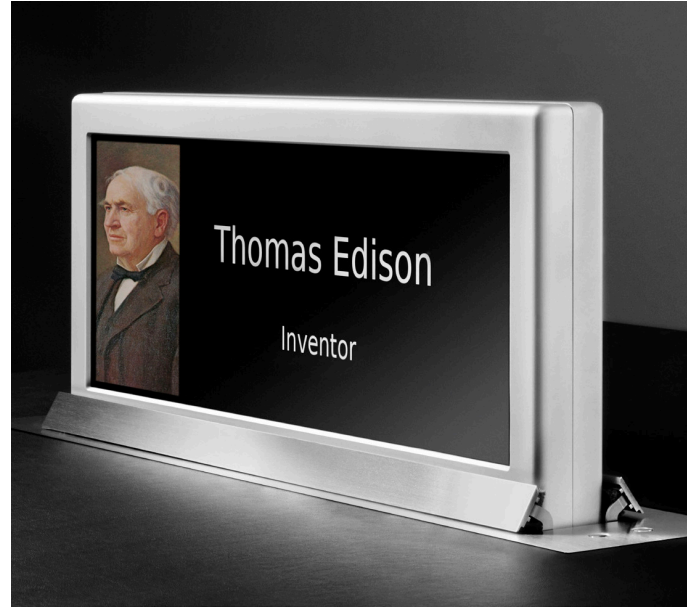
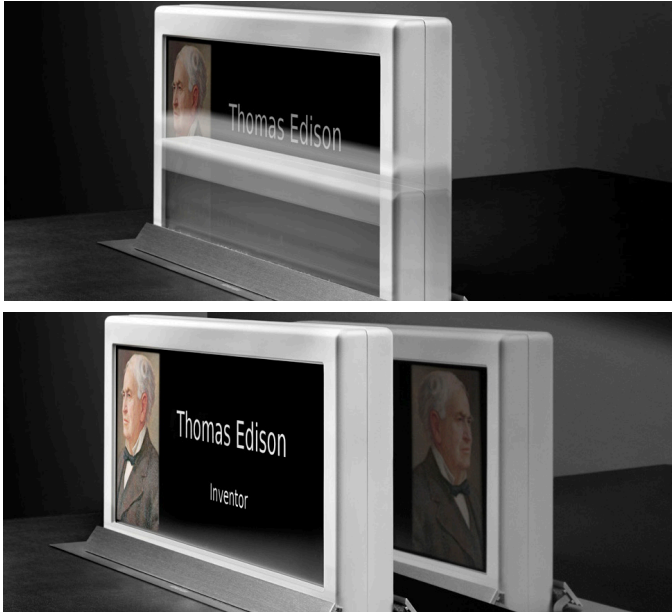
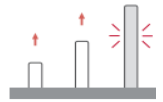


DynamicSignatureDisplay

Aluminium retractable double sided motorised solution for digital labelling



FEATURES

- Vertical motorised double sided retractable solution
- Half wide screen monitors
- Internal Linux based player
- TCP/IP interface for control, configuration, content upload and management
- Software provided
- Passive cover plate
- Interactive Setup Display (ISD)
- Maintenance free
- HDCP compliant
- Energy saving design, low consumption video controller
- Serial control and remote diagnosis
- Wireless connectivity for setup and control
- Individual monitor addressing
- Auto Mechanical Movement Calibration (AH-AMMC)

GENERAL

The DynamicSignatureDisplay is a vertically retractable solution with two half screens. Two half monitors are placed back to back in a compact anodised aluminium frame. Different contents can be displayed, allowing a 2 way communication in reception desks, information counters or in meeting and conference rooms tables with limited space. The DynamicSignatureDisplay is only visible when required, disappearing inside the table by just the touch of a button or by remote control. DynamicSignatureDisplay is a retractable digital labelling monitor for auditoriums, meeting and conference rooms, institutions and public communication spaces. The product consists of a vertically motorised retractable double side stretched screen and a Linux based software, which allows a simple display of a picture and a name in full colour.

Two screens are placed back to back in a compact, anodised aluminium frame, displaying different information on each one. The side facing the audience will display the picture and name of the conference participant, and the information in the other side allows the attendee to identify the seat. The system is ideal for name tagging applications over a single Ethernet connection per monitor.

DynamicSignatureDisplay is equipped with a Linux based player, with TCP/IP interface for control, configuration and content upload and management. The system needs a dedicated network to operate. It is necessary to add a server and the management software is pre-installed and configured from factory.

Display

Size	18.5" TFT Active Matrix, half widescreen
Resolution	1920 (h) x 1080 (v)
Brightness	500 cd/m2
Contrast ratio	1000:1
Pixel	0.2835 (h) x 0.2835 (v) mm
Viewing angle	80°/80° (u/d) / 85°/85° (l/r)
Viewing area	408 (h) x 120 (v) mm
LED backlight lifespan	30,000 hrs
Response time	Tr 3.6 ms, Tf 1.4 ms
Temperature (operating/storage)	Operating 0°C ~+40°C Storage -20°C ~+60°C

Materials

Monitor housing	Anodised Aluminium
Cover plate	Stainless Steel

Connectivity

RJ45 CAT5	Network ethernet connection. Embedded LINUX integrated with special software for Signature Name, externally controlled by LINUX server
RJ45 CAT5 (with loop)	Addressable RS422 monitor control by AHnet protocol
GPI (SubD9)	Up/Down control
USB	For service

Control

RJ45, RS-422 (I/O), AHNet protocol
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

External power supply	100-240 Vac, 47/63Hz, 12Vdc
Power consumption	90W

Mechanical

Monitor Dimensions:	
Upper cover plate	575 x 95 x 3 mm [22.63" x 3.74" x 0.1"]
Housing below the table	556 x 590 x 83.5 mm [21.88" x 23.22" x 3.3"]
Weight	22 Kg / 48.5 Lbs
Shipping Dimensions:	
Weight	23.8 Kg / 52.4 Lbs
Shipping Box	652 x 177 x 212 mm [25.66" x 6.96" x 8.34"]

OPTIONS

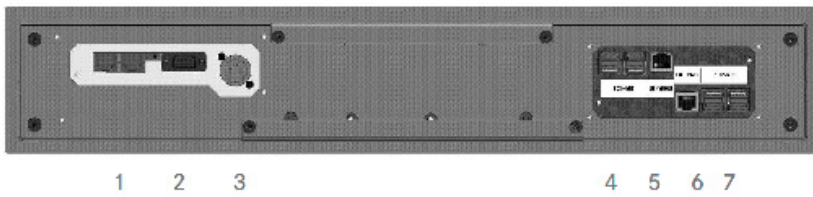
- AHDSServer (server system)

CERTIFICATIONS

- CE
- FCC
- IECEE

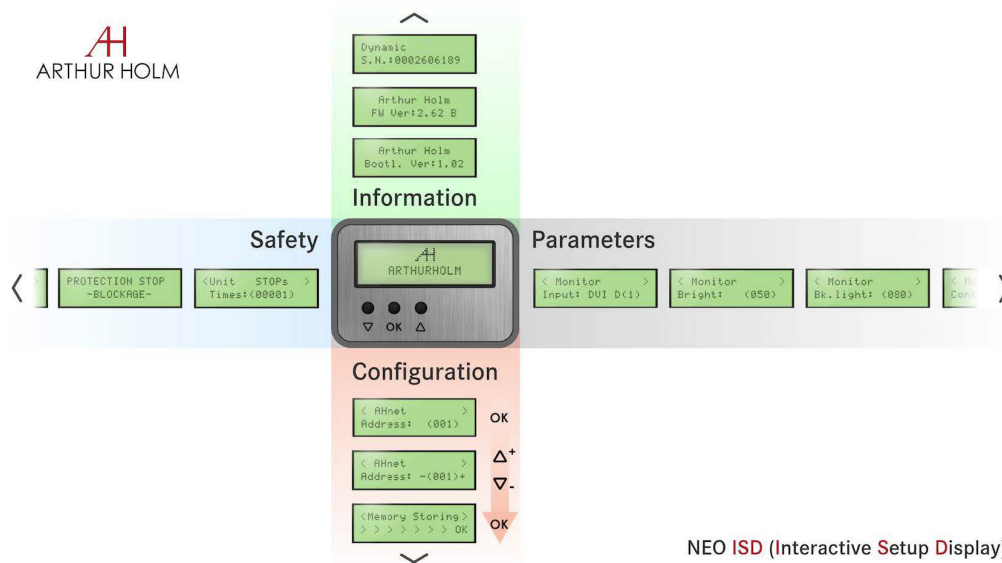
WARRANTY

- 5 years limited warranty
- 2 years general warranty



- CONNECTIVITY**
- 1- AHnet control interface
 - 2- GPI control
 - 3- Power input
 - 4- Service screen 1
 - 5- Network screen 1
 - 6- Network screen 2
 - 7- Service screen 2

INTERACTIVE SETUP DISPLAY (ISD)



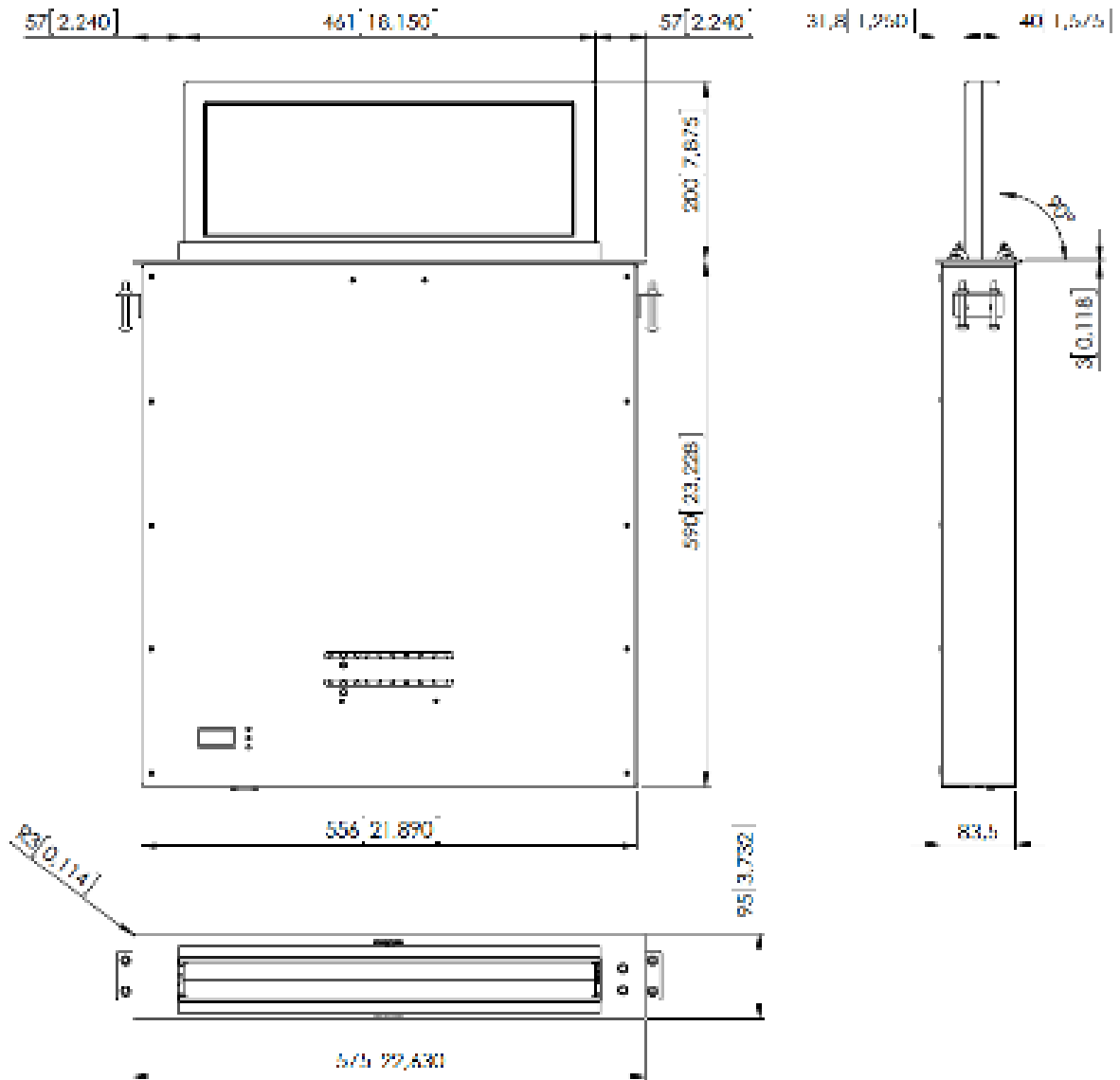
NEO ISD (Interactive Setup Display)

Screen to configure the monitor address in the RS422 AHnet.

CONSULTANTS, ARCHITECTS AND ENGINEERS SPECIFICATIONS

Vertically retractable motorised 18.5" professional solution with two half monitors placed back to back in a compact anodised aluminium frame. The monitor housing shall be made of milled anodised aluminium and the cover plate shall be made of brushed stainless steel. The monitors shall have a brightness of 500 cd/m², a contrast ratio of 1000:1 and a backlight lifespan of 50.000 hours. The solution shall provide Ethernet inputs per each monitor

(2) with an Interactive Setup Display allowing the control, setup and diagnose of the monitors. Monitors shall provide RS-422 I/O allowing the remote control of movements, speeds, safety settings, brightness, contrast and backlight. The monitors shall be equipped with AH-AMMC: an auto mechanical movement calibration system. The solution shall provide 2 embedded PCs and a Linux based software.



ARTHUR HOLM

Albiral Display Solutions SL · Fàtima, 25 Sant Hipòlit de Voltregà 08512 Barcelona, 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.

Technology serving Design