



ARTHUR HOLM

AH19D1HDA2F

Dynamic1Twin

HDCP compliant retractable double sided motorised solution



FEATURES

- Vertical motorised double sided retractable solution
- 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 Dynamic1Twin is a vertically retractable solution with two screens. Two 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 Dynamic1Twin is only visible when required, disappearing inside the table by just the touch of a button or by remote control.

The monitor housing is made of milled anodised aluminium and the passive cover plate is made of brushed stainless steel. Aluminium is a durable surface, it is extremely resistant and it also serves to dissipate heat. The anodised finish provides a soft, silky effect. Dynamic1Twin can be controlled and diagnosed remotely through ERT interfaces in an easy and cost effective way.

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Technology serving Design

TECHNICAL SPECIFICATIONS

AH19D1HDA2F

Display x 2

Size	FULL HD 18.5" TFT Active Matrix, widescreen
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 35 ms
Temperature (operating/storage)	Operating 0°C ~+40°C Storage -20°C ~+60°C

Materials

Monitor housing	Anodised Aluminium
Cover plate	Stainless Steel

Connectivity x 2

Input signal	DVI-I (1 input per monitor) – HDCP Compliant - Digital / Analog DVI-D (1 input per monitor) – HDCP Compliant - Digital
RJ45 CAT6 (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	80W

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	21.8 Kg / 48.06 Lbs
Shipping Dimensions:	
Weight	22.8 Kg / 50.26 Lbs
Shipping Box	712 x 177 x 727 mm [28.03" x 6.96" x 28.62"]

CERTIFICATIONS

- CE
- FCC
- IECEE

WARRANTY

- 5 years limited warranty
- 2 years general warranty

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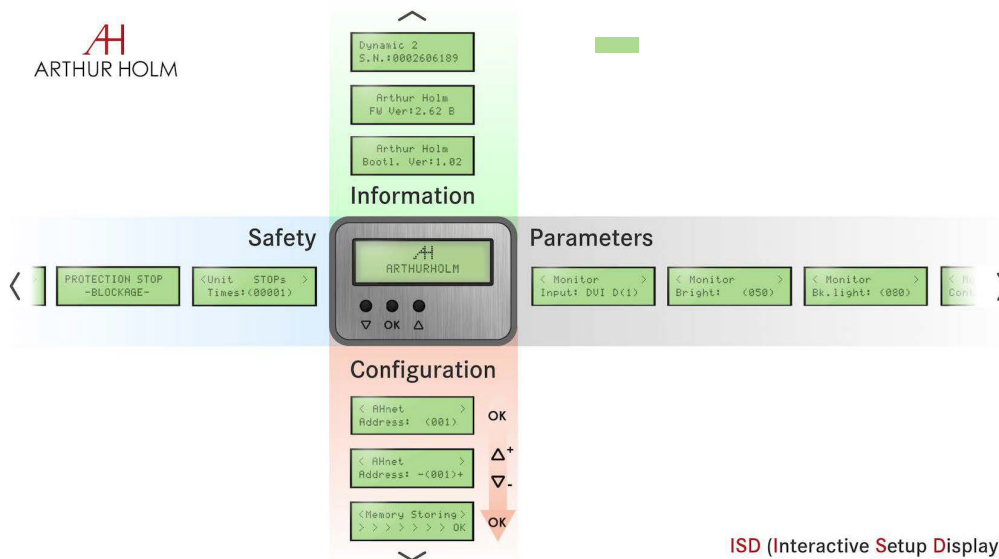
Technology serving Design



CONNECTIVITY PANEL

- 1- Power input
- 2- GPI control
- 3- DVI-D video input - digital (Screen 1)
- 4- DVI-I video input - analog/digital (Screen 1)
- 5- AHnet control interface
- 6- DVI-D video input - digital (Screen 2)
- 7- DVI-I video input - analog/digital (Screen 2)

INTERACTIVE SETUP DISPLAY (ISD)



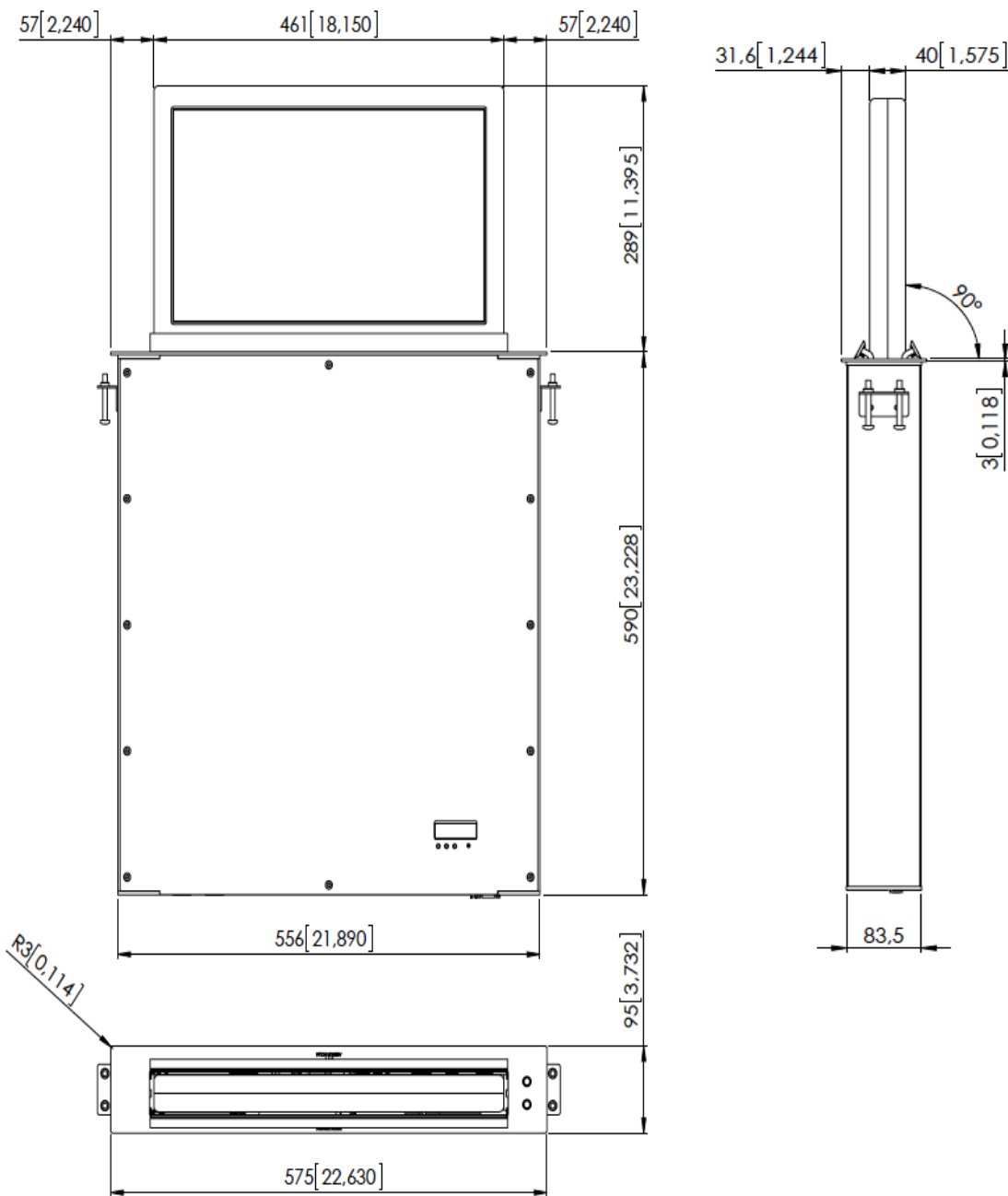
ISD (Interactive Setup Display)

CONSULTANTS, ARCHITECTS AND ENGINEERS SPECIFICATIONS

Vertically retractable motorised 18.5" professional solution with two 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 400 cd/m2, a contrast ratio of 1500:1 and a backlight lifespan of 50.000 hours. The monitors shall provide 2 DVI HDCP inputs by a licensed HDCP monitor manufacturer. The monitors shall provide an addressable RS-422 and an easy to read Interactive Setup

Display (ISD) to access the safety parameters, the setup of the speed and the control of the brightness, contrast and backlight. The monitors shall be able to run an auto adjustment program to reset the factory setups.

The monitors shall provide a USB port for firmware upgrades. The monitors shall be controlled by a wireless Android and iOS App providing information about the monitor's serial number, and providing access to the control and to the setup menu.



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