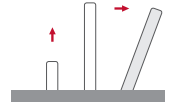


DynamicX2

HDCP compliant aluminium retractable motorised monitor



FEATURES

- Vertical motorised monitor with up to 20° inclination
- Patented single engine mechanism for up/down and tilt movements
- Milled aluminium housing with a contemporary design
- Stainless steel customisable cover plate
- Front double sided anti-reflective 2 sides coating 3 mm black edged glass
- 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

Arthur Holm DynamicX2 is a motorised retractable product range that provides silent, reliable and harmonic movements by the use of a patented solution with one only engine. This automatic system is equipped with a variable speed system to raise, lower and tilt 20° to ensure the best ergonomics, viewing angle and visibility. We have selected the best possible aluminium finishing specifications in the world, providing the maximum technical and visual performance. DynamicX2 have slightly curved edges for a contemporary and longstanding look and the screen is protected with an anti-reflective 2 side coating 3 mm black edged glass. DynamicX2 are available from 15.6" to 23.8", with 2 DVI-HDCP

compliant inputs and equipped with an Interactive Setup Display allowing the control, setup and diagnose of the monitors. Monitors provide RS-422 I/O allowing the remote control of movements, speed, safety settings, brightness, contrast and backlight. The monitors are equipped with an Auto Mechanical Calibration Movement System. The use of the Arthur Holm's ERT will enable the address configuration of all the monitors installed in a table by simply pressing a button. The AHlink Android and iOS app allows getting the monitor's serial number without removing the unit from the table and allows access to the setup and control menu.

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

Display

Size	FULL HD 18.5" TFT Active Matrix, widescreen format. LED backlight
Resolution	1920 (h) x 1080 (v)
Brightness	350 cd/m2
Contrast ratio	1000:1
Pixel	0.24975 (h) x 0.24975 (v) mm
Viewing angle	89°/89° (L/R)/89°/89°(U/D)
Viewing area	408.96 (h) x 230.04 (v) mm
LED backlight lifespan	50,000 hrs
Response time	Tr 37ms, Tf 3 ms
Temperature (operating/storage)	Operating 0°C ~+40°C Storage -20°C ~+60°C

Materials

Monitor housing	Anodised Aluminium
Glass	AR 2-side with an anti-reflective coating on the glass surface. Thickness: 3.0 ± 0.3 mm
Cover plate	Stainless steel

Connectivity

Input signal	DVI-I (1 input) – HDCP Compliant - Digital / Analog DVI-D (1 input) – 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) Buttons on cover plate
Remote	RS-422 I/O, GPI

Electrical

External power supply	100-240 Vac, 47/63Hz, 12Vdc
Power consumption	70W

Accessories

ERT	Ethernet Interface Unit
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Mechanical

Monitor Dimensions:	
Screen	538 x 304 x 25 mm [21.21" x 11.97" x 0.98"]
Upper cover plate	636 x 95 x 3 mm [25.03" x 3.73" x 0.12"]
Housing below the table	621 x 590 x 80 mm [24.45" x 23.23" x 3.15"]
Weight	21.2 Kg / 46.7 Lbs
Shipping Dimensions:	
Weight	22.2 Kg / 48.9 Lbs
Shipping Box	715 x 165 x 705 mm [28.15" x 6.4" x 27.74"]

OPTIONS

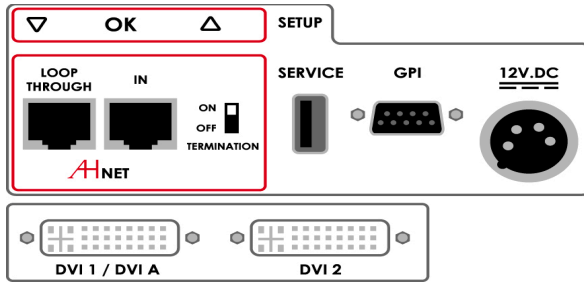
- Laser engraved logo
- UnderCover for veneer
- Underneath installation
- Matte cover plate
- Projected capacitive multi-touch screen
- Built-in camera
- DynamicTalkM
- Synchronised Microphones
- Connectors
- DynamicLoop
- DynamicShare
- Black anodised
- Gold finish
- Bronze finish
- Painted

CERTIFICATIONS

- CE
- FCC
- IECEE

WARRANTY

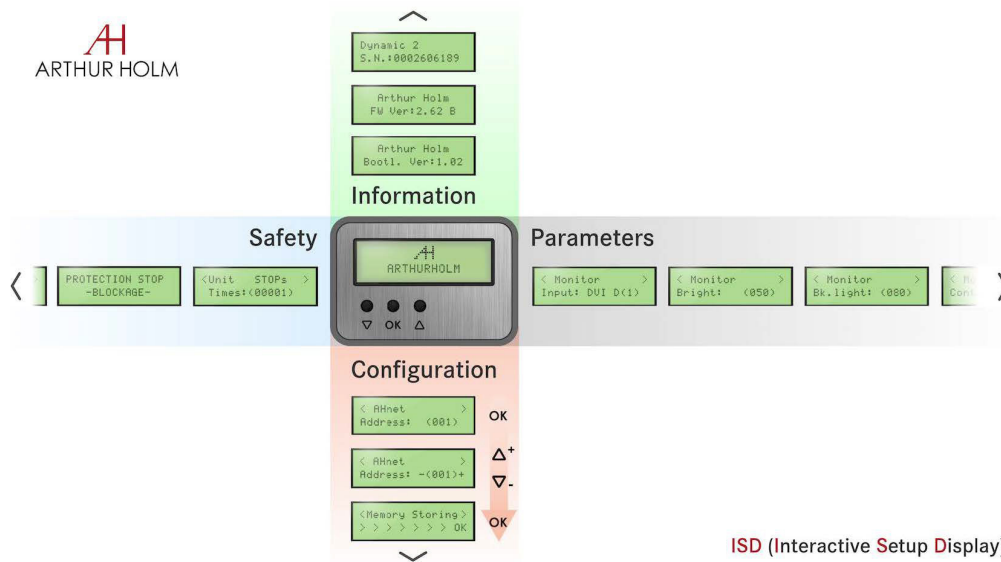
- 5 years limited warranty
- 2 years general warranty



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 (ISD)

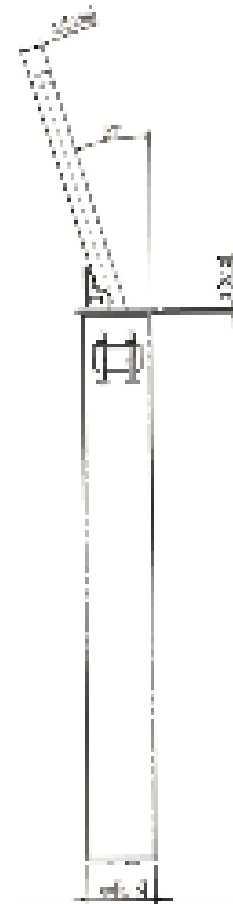
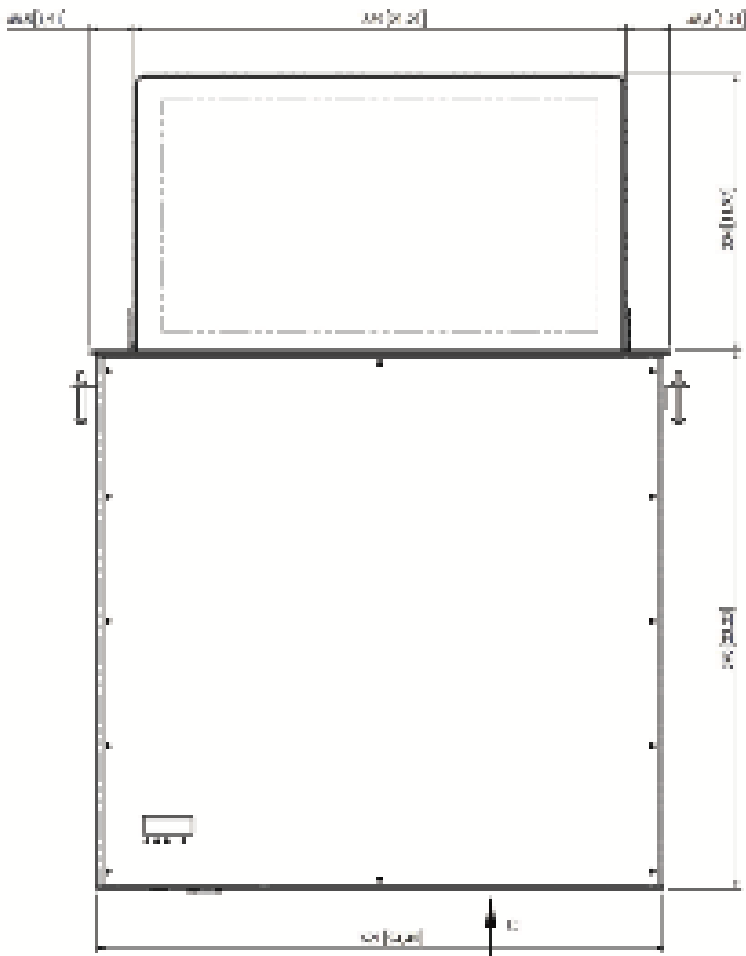


ISD (Interactive Setup Display)

CONSULTANTS, ARCHITECTS AND ENGINEERS SPECIFICATIONS

Vertically retractable motorised 21.5" Full HD professional monitor. The monitor housing shall be made of milled anodised aluminium and the screen shall be protected with anti-reflective 2 side coating black edged 3 mm glass. The monitor shall make the up/down and tilt movements with one only engine. The monitor cover plate shall provide a passive opening system and shall be made of 3 mm brushed stainless steel. The monitor shall have a brightness of 350 cd/m2, a contrast ratio of 1000:1 and a back-light lifespan of 50,000 hours. The monitor shall provide 2 DVI HDCP inputs by a licensed HDCP monitor manufacturer.

The monitor shall provide an addressable RS-422 and an easy to read Interactive Setup Display (ISD) to access the safety parameters, the setup of the speeds and the control of the brightness, contrast and backlight. The monitor shall be able to run an autoadjustment program to reset the factory setups. The monitor shall provide a USB port for firmware upgrades. The monitor 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.



VIEW C



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