ARTHUR HOLM

DynamicX2

HDCP compliant aluminum retractable motorized monitor

reddot design award

Arthur Holm
connected to AH_6789

D2 (577FW202_3)

Serial:	0000120536
Ver:	2.23
Cover:	0.4

Control

MOV	UP	DOWN
DISP	ON	OFF
DVIA	DVI1	DVI2

BACKL		80
CONTR		50
BRIGH		50

SAVE VALUES

| S1 | S2 | S3 | S4 | S5 |

AHlink : the App for setup, control and diagnose

Download on the App Store

GET IT ON Google Play
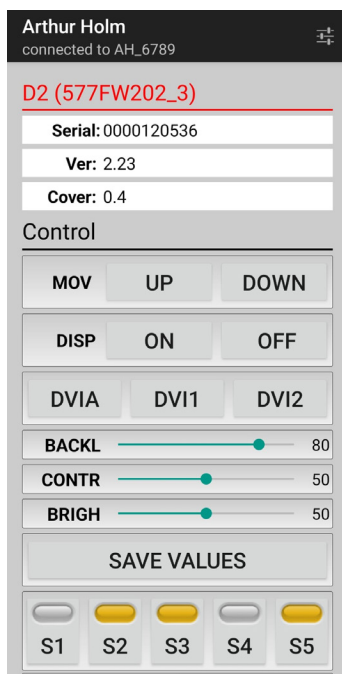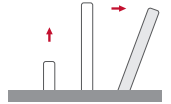
Highlights

- Vertical motorized monitor with up to 20° inclination
- Patented single engine mechanism for up/down and tilt movements
- Milled aluminum housing with a contemporary design
- Front anti-reflective 2-side coating 3mm black edged glass
- Stainless steel customizable cover plate
- Interactive Setup Display (ISD)
- Maintenance free
- HDCP compliant
- Energy saving design, low consumption video controller
- Compatible wireless connectivity for setup and control via AHlink
- Auto mechanical Movement Calibration (AH-AMMC)

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General

Arthur Holm DynamicX2 is a motorized 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 aluminum 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 or HDMI HDCP compliant inputs and equipped with an Interactive Setup Display allowing the control, setup and diagnose of the monitors. Monitors provide RS-422/RS-485 Full Duplex 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 (AH-AMMC). 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 monitor is compatible with AHlink Android and iOS app which allows access to the setup, diagnose and control menus.

Technical Specifications

Display

Size	Full HD 15.6" TFT Active Matrix, widescreen format. LED backlight
Resolution	1920 (h) x 1080 (v)
Brightness	500 cd/m2
Contrast ratio	1000:1
Pixel	0.1792 (h) x 0.1792 (v) mm
Viewing angle	89°/89°(u/d) 89°/89°(l/r)
Viewing area	344.16 (h) x 193.59 (v) mm
Response time	Tr + Tf 25ms
Temperature	Operating 0ºC ﹏+40ºC Storage -20ºC ﹏+60ºC

Materials

Monitor housing	Anodized Aluminum
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 (I/O)	Addressable RS-422/RS-485 Full Duplex monitor control by AHnet protocol
GPI (SubD9)	Up/Down control (opto isolated)
USB	For service (firmware upgrades)

Control

RJ45, RS-422/RS-485 Full Duplex, AHnet protocol
Addressing
Termination switch
GPI
IR Remote control (monitor adjustments): 1 Remote control is provided every 5 motorized devices

Movement's Control

User interface on monitor	(Up/Down) Buttons on cover plate
Remote	RS-422/RS-485 Full Duplex, GPI
AHlink	

Electrical

External power supply	100-240 Vac, 50/60Hz, 12Vdc
Power consumption	40W

Accessories

ERT-30 / ERT-60	Ethernet Interface Unit

Mechanical

Screen	403 x 234.16 x 25mm [15.87" x 9.22" x 0.98"]
Cover plate	500 x 95 x 3 mm [19.68" x 3.73" x 0.12"]
Housing below the table	485 x 80 x 590mm [19.09" x 3.15" x 23.23"]
Weight	19.3Kg / 42.55Lbs

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Options and acessories

- 2/ HDMI inputs
- DynamicLoop
- DynamicShare
- Built-in USB or HD-SDI camera

- DynamicTalk
- Synchronized microphone
- Projected capacitive multi-touch screen
- Connectors on the cover plate

Finishes

- Painted
- Laser engraved logo
- UnderCover for veneer
- Matte cover plate
- Underneath installation
- Black anodized
- Gold
- Bronze

Certifications

- CE
- IECEE
- CB
- RoHs
- BIS

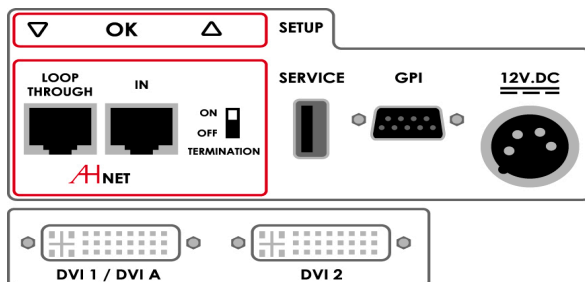## Warranty

- 2 years general warranty
- 5 years for the mechanical parts

Connectivity Panel

Connectivity Panel

AH15DX2HDGA

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)

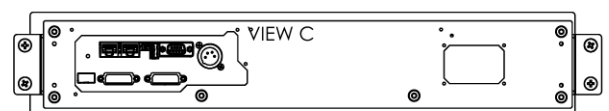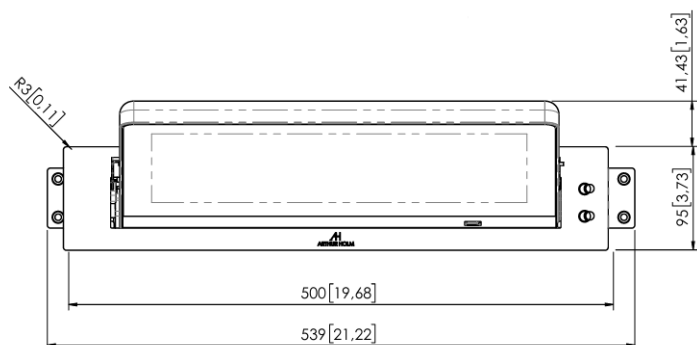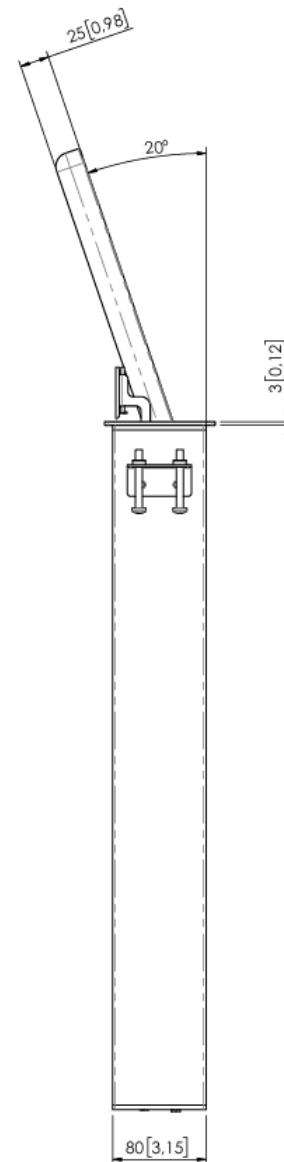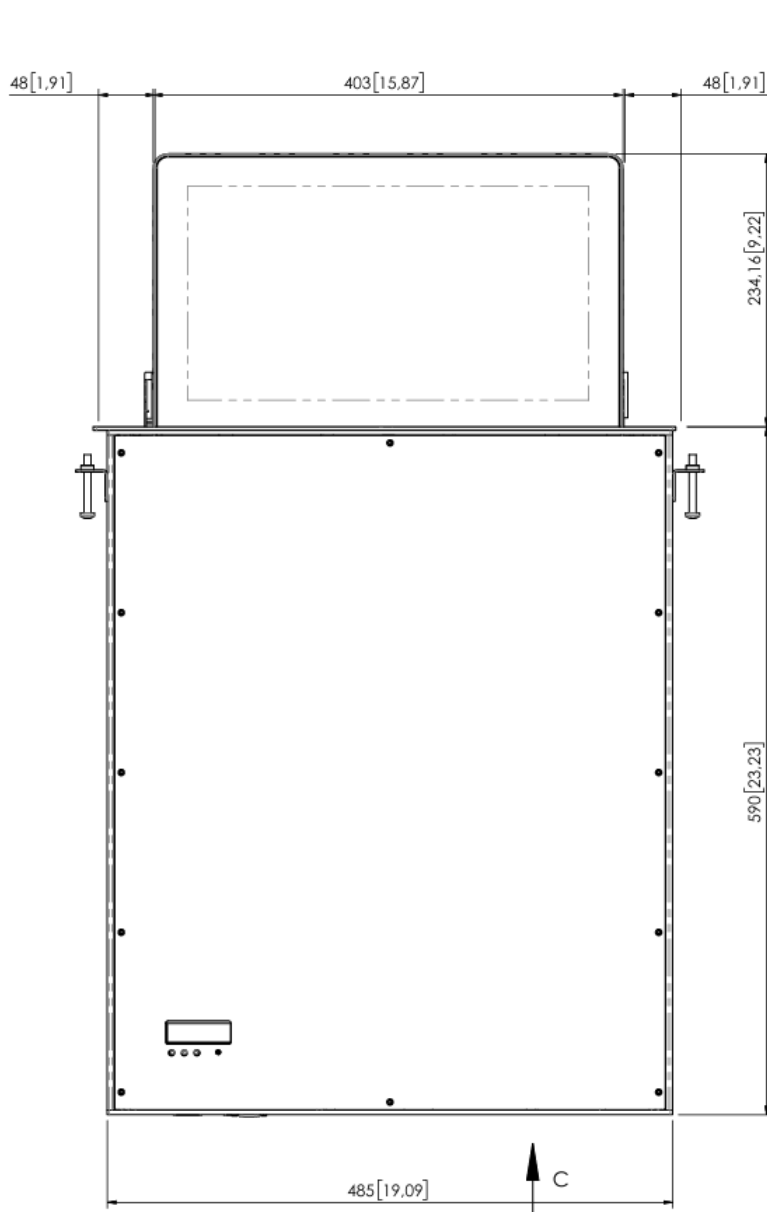## Consultants, architects and engineers specifications

Vertically retractable motorized 15.6" Full HD professional monitor. The monitor housing shall be made of milled anodized aluminum and the screen shall be protected with anti-reflective 2 side coating black edged 3mm glass. The monitor shall make the up/down and tilt movements with only one engine. The monitor cover plate shall provide a passive opening system and shall be made of 3mm brushed stainless steel. The monitor shall have a brightness of 500 cd/m2, and a contrast ratio of 1000:1.

The monitor shall provide 2 DVI HDCP inputs by a licensed HDCP manufacturer. The monitor shall provide RS-422/RS-485 Full Duplex for the AHnet protocol and an Easy-to-Read Interactive Setup Display (ISD) for the setup, diagnose and control, and shall be compatible with ERT-30 and ERT-60. The monitor shall be able to run an auto-adjustment program to reset the factory security ratio between its factory movement speed and its protection parameters adapting the unit to the way it has been installed. The monitor shall provide a USB port for firmware upgrades. The monitor shall be compatible with the AHlink wireless Android and iOs App for the setup, diagnose and control.

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