ARTHUR HOLM

DynamicX2

HDCP compliant aluminum retractable motorized monitor

reddot design award

DB2 4K DA (577FW202_3)

Serial: 0000000000

Ver: 2.11

Cover: 0.3

Control

| COV OPEN | COV CLOSE | UP | DOWN |

| DISP | ON | OFF |

| HDMI 1 | HDMI 2 | DP1 | DP2 |

BACKL ———————●——— 80
CONTR ——————●———— 50
BRIGH ——————●———— 50

SAVE VALUES

| S1 | S2 | S3 | S4 | S5 |

AHnet Address 1
Position: 0
Cover Position: 30

PASSWORD: 0

TALK RIGHT

HDMI LEFT

Highlights

- Vertical motorized monitor with 20° of inclination
- Patented single engine mechanism for Up/Down and tilt movements
- Milled aluminum housing
- Front anti-reflective 2 sides coated 3 mm black edged glass
- Stainless steel cover plate
- Energy saving design, low consumption video controller
- RS422/RS485 I/O
- ISD: Interactive Setup Display for adjustments and service
- AHlink: Wireless connectivity for setup, adjustments, and control
- AH-AMMC: Auto mechanical Movement Calibration

AHlink : the App for setup, control and diagnose

Download on the App Store

GET IT ON Google Play

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General

Professional 23.8" motorized retractable monitor that provides silent, reliable, and harmonic movements by a patented solution with only one engine. This automated monitor is equipped with a variable speed system to raise, lower and tilt 20° to ensure the best ergonomics, viewing angle and visibility. The monitor is built in a mechanized solid aluminum block with anodize finish and the cover plate is made of brushed stainless steel. The screen is protected with a double side anti-reflective 3 mm glass.

The monitor provides RS422/RS485, allowing the remote control of the input selection, movements, speeds, safety settings and brightness, contrast, and backlight adjunstments.

The monitor can also be adjusted and controlled via a wireless application: AHlink. The AHlink Android and iOS App allows the access to the setup and control menu and to get the serial number and firmware version without removing the monitor from the table. The Auto Mechanical Movement Calibration automatically adjust the speeds and the safety protection parameters. The use of the ERT-30 and ERT-60 enables an automatic individual address configuration of all the monitors in a meeting table.

Technical Specifications

Display

Size	4K 23.8" TFT Active Matrix, widescreen format. LED backlight
Resolution	3840 (h) x 2160 (v)
Brightness	250 cd/m2
Contrast ratio	1000:1
Pixel	0.13725 (h) x 0.13725 (v) mm
Viewing angle	178° (v) / 178° (h)
Viewing area	527.04 (h) x 296.46 (v) mm
LED backlight lifespan	30,000 hrs
Response time	Tg-g 14 ms
Temperature (operating/storage)	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	1 x VGA 2 x DisplayPort 2 x HDMI - HDCP compliant
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	60W

Accessories

ERT	Ethernet Interface Unit

Mechanical

Monitor Dimensions:

Screen	538 x 304 x 25 mm [21.21" x 11.97" x 0.98"]
Upper cover plate	657.50 x 95 mm x 3 mm [25.89" x 3.73" x 0.12"]
Housing below the table	642.50 x 640 x 80 mm [25.30" x 25.20" x 3.15"]
Weight	26 Kg / 57.32 Lbs

Shipping Dimensions:

Weight	27 Kg / 59.52 Lbs
Shipping Box	735 x 175 x 705 mm [28.95" x 6.8" x 29.34"]

Options and acessories

- Built-in USB or HD-SDI camera (adjustable via AHlink
- DynamicTalk
- Synchronized microphone

- Projected capacitive multi-touch screen
- Connectors on the cover plate

Finishes

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

Certifications

- CE
- FCC
- IECEE
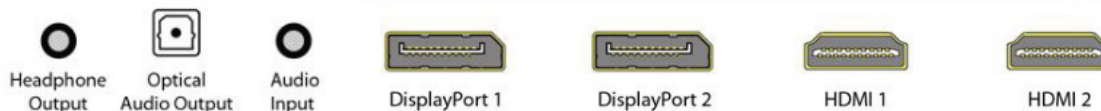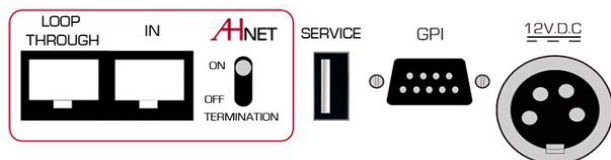- CB
- RoHs
- BIS

Warranty
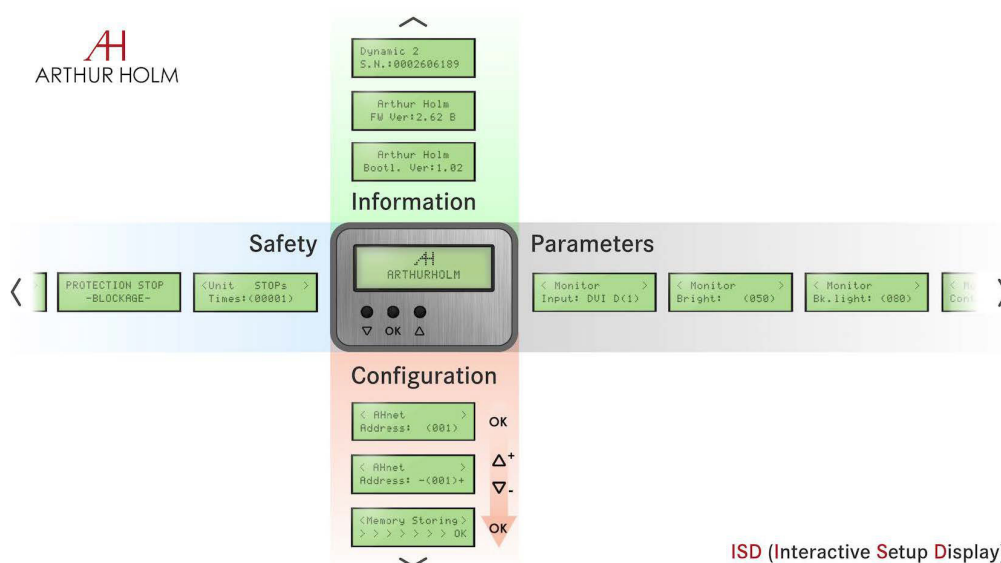
- 5 years for the mechanical parts

LOOP THROUGH | IN | AH NET | SERVICE | GPI | 12V.D.C
ON / OFF / TERMINATION

Headphone Output | Optical Audio Output | Audio Input | DisplayPort 1 | DisplayPort 2 | HDMI 1 | HDMI 2

Interactive Setup Display (ISD)

ARTHUR HOLM

Dynamic 2
S.N.:0002606189

Arthur Holm
FW Ver:2.62 B

Arthur Holm
Bootl. Ver:1.02

Information

Safety | Parameters

PROTECTION STOP -BLOCKAGE- | ‹Unit   STOPs › Times:(00001) | ‹ Monitor   › Input: DVI D(1) | ‹ Monitor   › Bright: (050) | ‹ Monitor   › Bk.light: (080)

ARTHURHOLM
▽ OK △

Configuration

‹ AHnet   ›
Address: (001)   OK

‹ AHnet   ›
Address: -(001)+   △+ ▽-

‹Memory Storing›
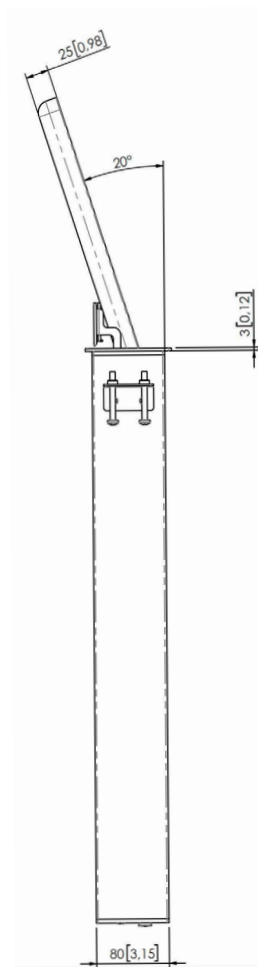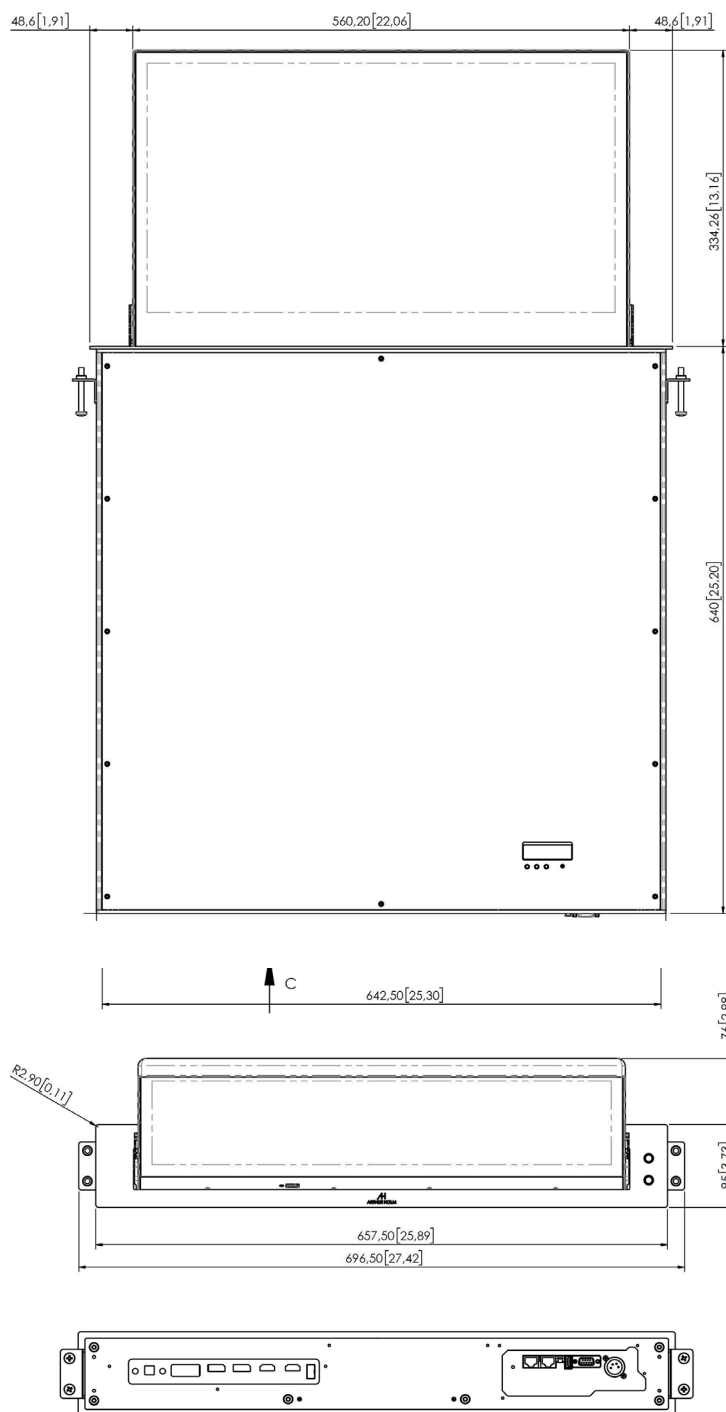› › › › › › › OK   OK

ISD (Interactive Setup Display)

Consultants, architects and engineers specifications

Vertically retractable motorized 23.8" 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 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 brigthness of 250 cd/m2, a contrast ratio of 1000:1 and a backlight lifespan of 30,000 hours.

The monitor shall provide an addressable RS-422/RS-485 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.

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