

**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



## 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 adjustments.

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 0°C ~ +40°C Storage -20°C ~ +60°C

### 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

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
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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	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"]

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## Options and accessories

- 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

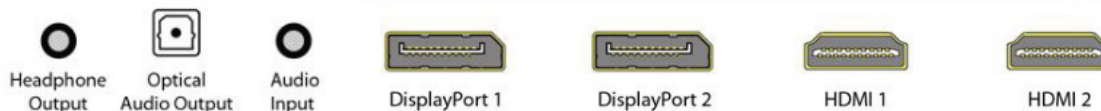
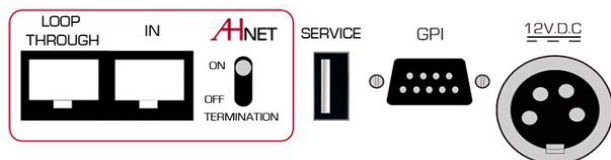
- 5 years for the mechanical parts



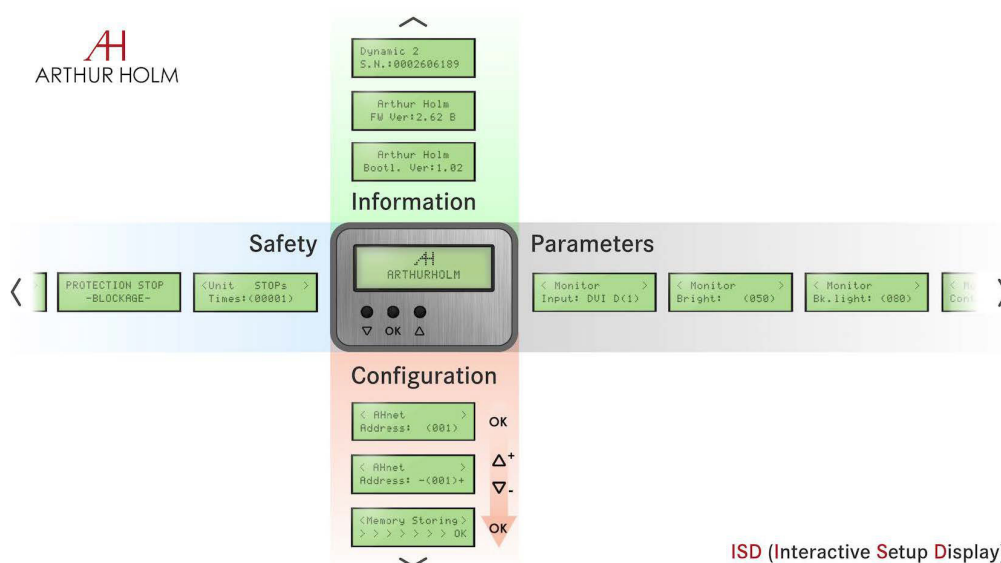
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## Interactive Setup Display (ISD)

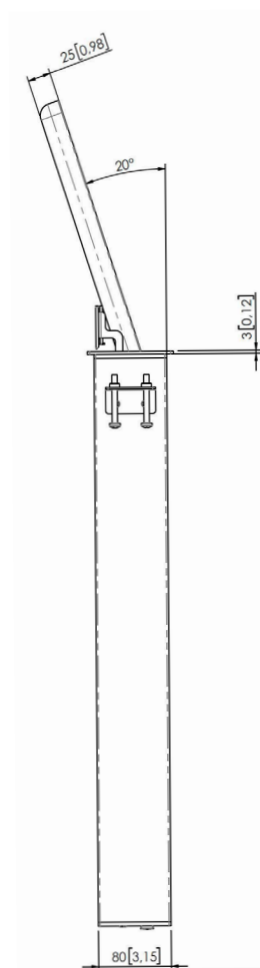
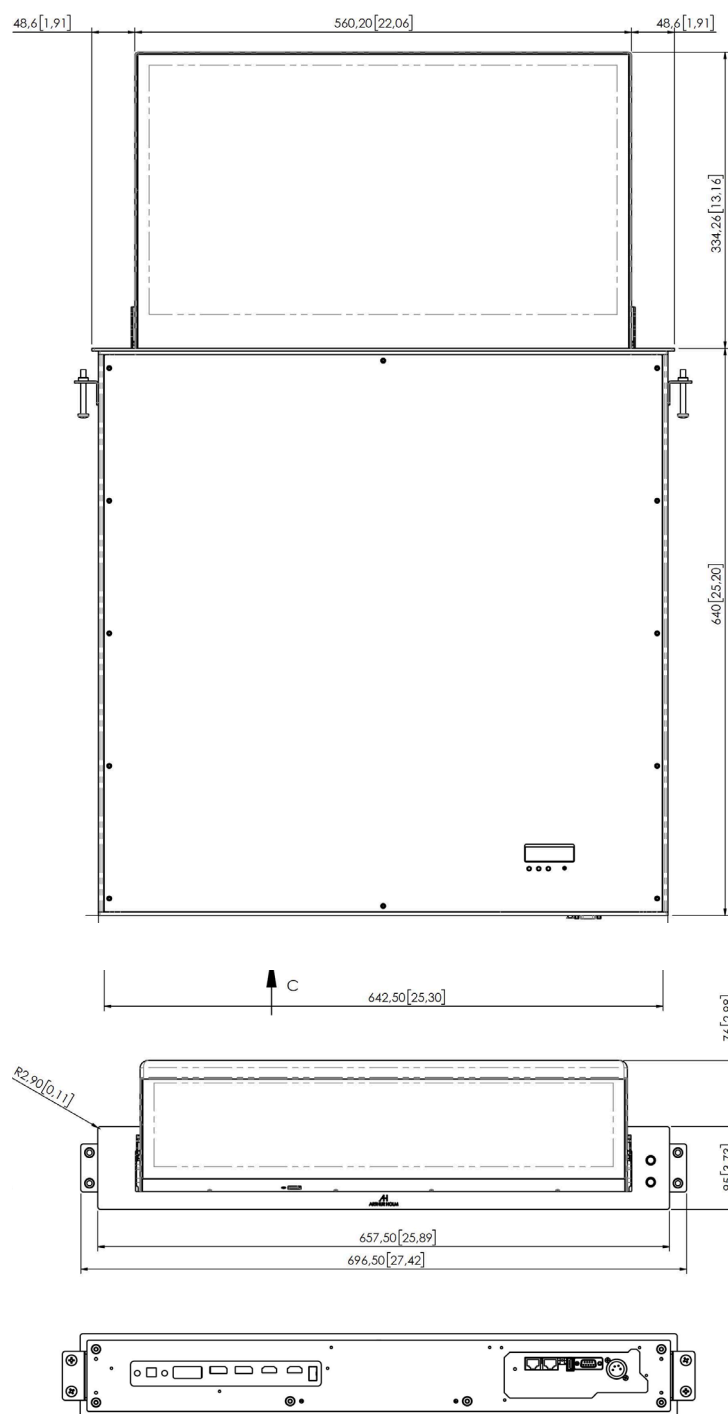


ISD (Interactive Setup Display)

## 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 brightness 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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