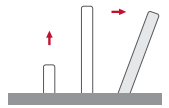# ARTHUR HOLM

DynamicX2

Aluminium retractable motorised monitor

FEATURES

- Automatic 20° inclination
- Passive cover plate
- Interactive Setup Display
- Maintenance free
- HDCP compliant

- Energy saving design
- Dual Safety system
- Serial control and remote diagnose
- AH-AMMC Auto Mechanical Movement Calibration

GENERAL

DynamicX2 monitors have been designed for installation in tables or desks.

DynamicX2 are elegant monitors built from a solid aluminium block. They have a vertical motorised movement with automatic 20° inclination to ensure the best ergonomics, viewing angle and visibility. This automatic tilting system provides a fast and silent response and highly reliable, maintenance-free solution. DynamicX2 have slightly curved edges for a contemporary and longstanding look. The range is available from 15" to 24". It can be supplied with adjustable tilt, touch screen, camera, single or double retractable microphones, speakers, voting system and multimedia connectors, among others.

The anodised aluminium housing can be customised in different colours and finishes. The dual safety system stops the movement if any resistance is detected for a secure environment.

The standard top-table cover plate is made of brushed stainless steel. It can optionally be supplied with a matt finish or it can disappear when the product is prepared for underneath installation.

DynamicX2 monitors are remotely controllable and diagnosable through the ERT interfaces in an easy and cost effective way.

TECHNICAL SPECIFICATIONS

Display

Size	4K 23,8" TFT Active Matrix
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	178º (v) / 178º (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

Cabinet and Cover plate	Solid mechanised aluminium housing with anodised finish. Upper cover plate in brushed stainless steel. Electrically powered lift system with variable speed. 20º of inclination. Front black serigraphed glass.

Connectivity

Input signal	VGA 2 x DisplayPort 2 x HDMI
RJ45 CAT6 (with loop)	Addressable RS422 monitor control by AHnet protocol
GPI (SubD9)	Up/Down control

Engine

Control Up/Down	Buttons on cover plate, GPI, RS422
Electronic control	PWM

Control

Monitor Control	RS422 (RJ45 CAT6)

Electrical

External power supply	100-240 Vac, 47/63Hz, 12Vdc
Power consumption	60W

Accessories

ERT	Ethernet interface unit
AH mcs	Monitor Control Software

Mechanical

Monitor Dimensions

Screen	560.2 x 334.3 x 25 mm [22" x 13.16" x 0.98"]
Upper cover plate	657.50 x 95 mm [25.89" x 3.73"]
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

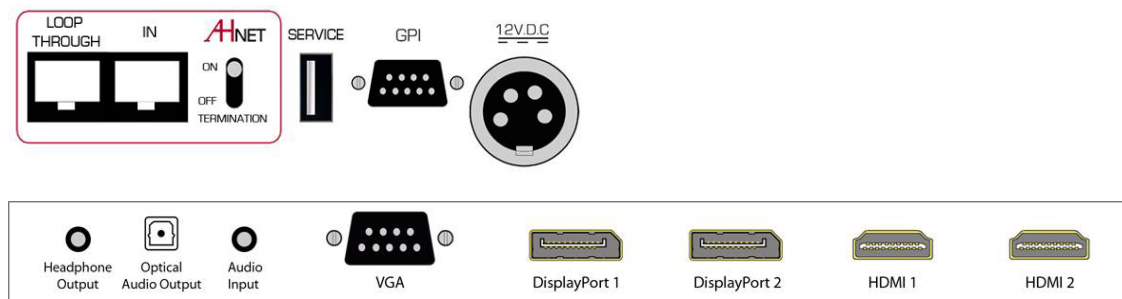|	
Weight	27 Kg / 59.52 lbs
Shipping Box	735 x 175 x 745 mm

ACCESSORIES

- Prepared for underneath installation, cover plate prepared to be veneered
- Stainless steel box for keyboard and mouse
- Matte cover plate
- Built in DynamicTalk
- Motorised single retractable single microphone
- USB integrated on cover plate
- 2 USB integrated on cover plate
- USB power integrated on cover plate

- Customised cover plate with speaker, voting system, USB connector
- Additional customised laser engraved logotype on the cover plate
- Monitor housing anodised in different colours
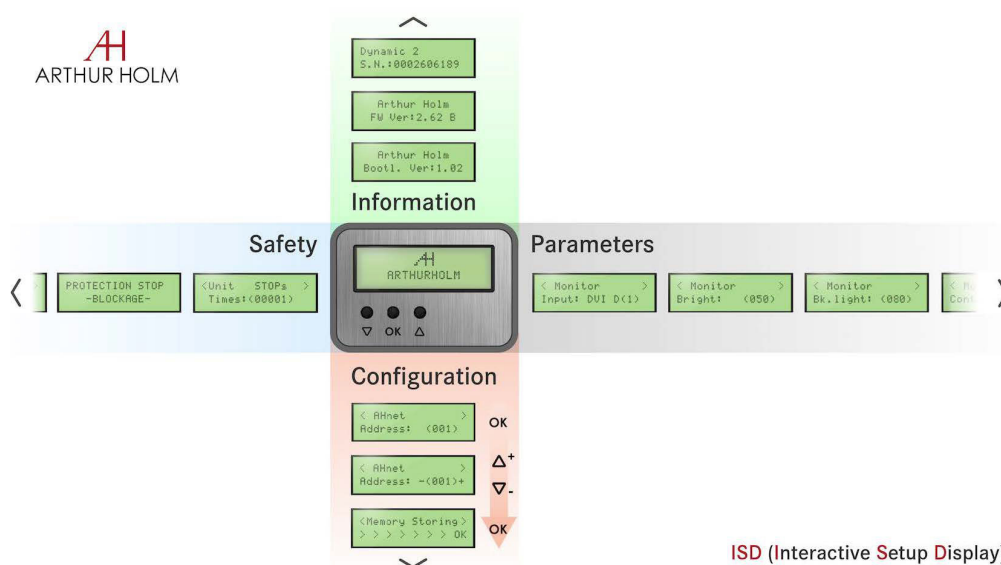- Gold, Bronze and Black finish
- Adjustable tilt

WARRANTY

- 5 years limited warranty
- 2 years general warranty

CONNECTIVITY PANEL

INTERACTIVE SETUP DISPLAY

ISD (Interactive Setup Display)
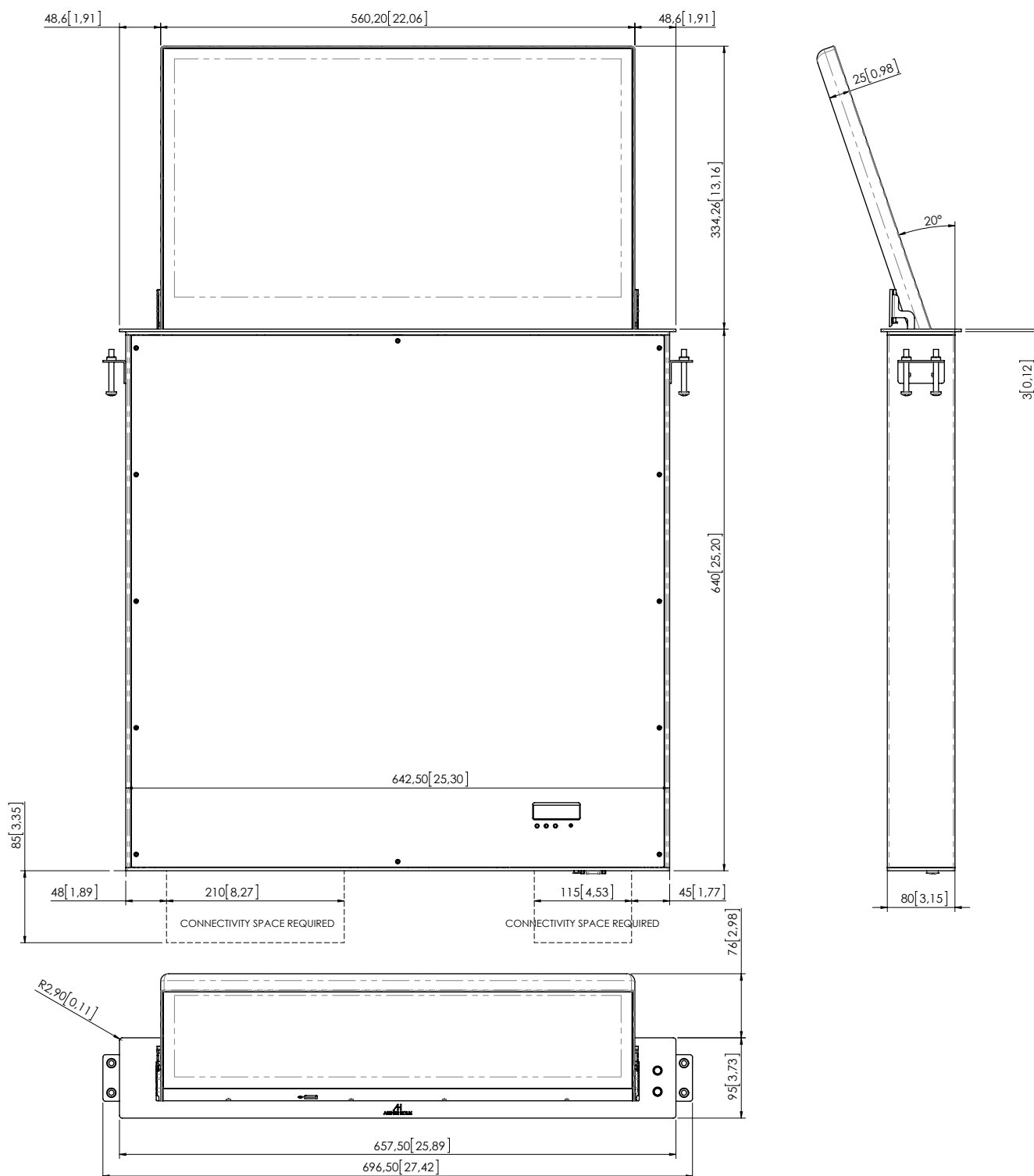
ARCHITECT'S SPECIFICATIONS

Low voltage professional electrically retractable 4K 23,8" monitor with 20 degrees of automatic inclination. Solid block of aluminium monitor housing in natural anodised finishing with rounded corners design. Front double sided anti-reflective 3mm black edged glass. Passive opening cover plate for enhanced reliability.

Compatible with AHnet open protocol over RS-422, allowing individual remote control of up to 30 units over a daisy chain CAT6 line. Additional control through the buttons integrated on the cover plate that can be activated or deactivated by using the AHnet protocol. Easy to read 1,6" LCD Interactive Setup Display (ISD) for address setup and status monitoring. Dual safety system that detects obstructions, stopping the unit. External power supply with 4-Pin XLR4 connector.

Bottom connectivity for easy access and removal of monitor. Total depth of 640mm plus additional spacing for connectors. Adjustable parameters through AHnet or ISD allowing calibration and adjustment of mechanics. Diagnostic readout on ISD for service and support.

General Dimensions