ARTHUR HOLM

AH19D3RHDGA

Dynamic3

Aluminium foldable and rotatable monitor

Features

- Opens, folds down and rotates 180°
- 2 working positions: vertical and horizontal (with screen facing up)
- Automatic image flip
- Adjustable and memorisable tilt angle from 90° to 110°
- Synchronised tray lift movement
- Milled aluminium housing and cover plate
- Interactive Setup Display
- 2 DVI I/HDCP compliant
- Front double sided anti-reflective 2 sides coating 3 mm black edged glass
- Energy saving design, low consumption video controller
- Floating security sensor
- Serial control and remote diagnosis 2 DVI I/HDCP compliant synchronised tray lift movement
- Individual monitor addressing Energy saving design, low consumption video controller
- Auto Mechanical Movement Calibration (AH-AMMC)
- 40 pounds workload

General

Arthur Holm Dynamic3 is a motorised product range that provides different working positions while keeping a low profile inside the working desk and a perfect integration in the furniture. The aluminium monitor housing rises and leans, has an additional 180° rotation movement, and retracts inside the work surface in 2 different positions: with the monitor faced up or down. The movement can be stopped at 90° in order to share the display with the person located at the opposite side of the desk. The screen's lifting system automatically activates the elevation of a tray where keyboard and mouse can be placed. We have selected the best possible aluminium finishing specifications in the world, providing the maximum technical and visual performance and the screen is protected with an anti-reflective 2 side coating 3 mm black edged glass.

Dynamic3 is available from 15.6" to 21.5", with 2 DVI-HDCP compliant inputs and equipped with an interactive setup display (ISD) allowing the control, setup and diagnose of the monitors. Monitors provide RS-422 I/O allowing the remote control of movements, speeds, 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 accessing the interior of the table and allows access to the setup and control menus.

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Technical Specifications

Display	
Size	FULL HD 18,5" TFT Active Matrix
Resolution	1920 (h) x 1080 (v)
Brightness	400 cd/m2
Contrast ratio	1500:1
Pixel	0.213 (h) x 0.213 (v) mm
Viewing angle	85°/85° (u/d) / 85°/85° (l/r)
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	
Frame	Anodised aluminium
Glass	AR 2 side with an anti-reflective coating on the glass surface. Thickness: 3.0 ± 0.3 mm
Cover plate	Anonised aluminium
Connectivity	
Input signal	DVI-I (1 input) – HDCP Compliant DVI-D (1 input) – HDCP Compliant
RJ45 CAT5 (with loop)	Addressable RS422 monitor control by AHnet protocol
GPI (SubD9)	Movements Control

Control	
RJ45, RS-422 (I/O)	
Addressing	
Termination switch	
GPI	
IR Remote control (monitor adjustments): 1/5	
Movement's Control	
User interface on monitor	(Up/Down)
Remote	RS-422 I/O/GPI
Electrical	
Low voltage *(external power supply)*	100-240Vac, 47/63Hz, 12Vdc
Power consumption	55W
Mechanical	
Monitor Dimensions:	
Screen	542 x 435 x 102.5 mm [21.34" x17.13" x4.03"]
Weight	18.8 Kg / 37.47 lb
Shipping Dimensions:	
Weight	19.8 Kg / 43.6 lb
Shipping Box	582x 506 x 212 mm [22.9" x 19.92" x 8.3"]

Options

- DynamicLoop
- DynamicShare
- Projected capacitive multi-touch screen
- Monitor housing and cover plate anodised in black
- Built-in camera
- Built-in DynamicTalk
- Built-in-third-party conference systems
- Integrated connectors on cover plate
- Retractable HDMI cable
- Underneath installation: prepared to be veneered
- Dual motorised synchronised microphones
- Laser engraved logotype on cover plate

Benefits

- Flexibility and versatility
- No loss of work space
- Low profile monitor enclosure leaving enough space ergonomic work position
- Keyboard and mouse storage space

Warranty

- 2 years general warranty

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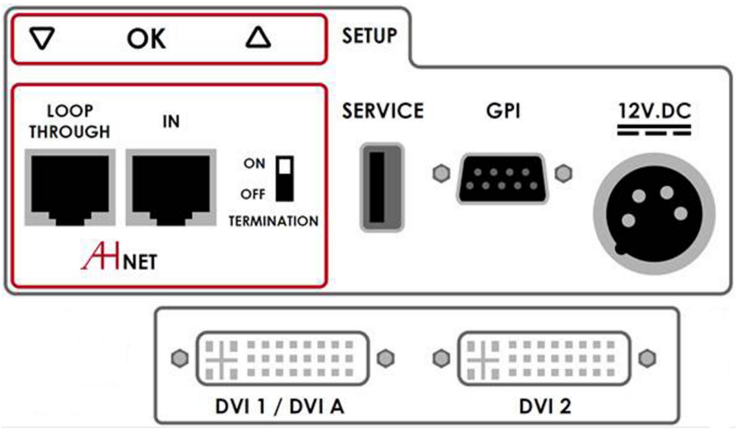
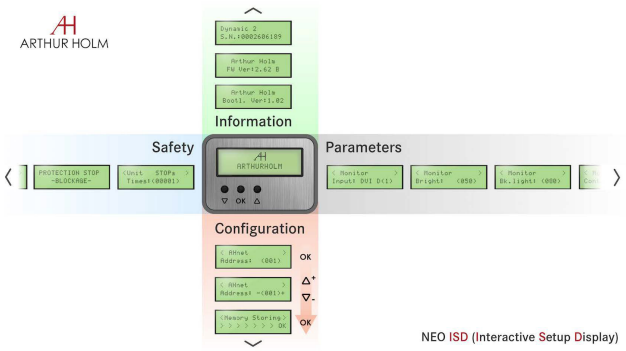
Connectivity Pannel



Interactive Setup Display



Consultant architect and engineer specifications

Motorised foldable and rotatable 18.5" 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 have a brightness of 400 cd/m2, a contrast ratio of 1500:1 and a backlight lifespan of 50.000 hours. The monitor's opening mechanism shall activate automatically the rising of a synchronised aluminium tray covering the entire opening surface. The monitor shall provide 2 working positions: vertical with an adjustable tilt angle of up 20° and horizontal flush on the table with the screen facing up. The monitor shall be capable to rotate 180° and to be folded with the screen facing down. 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, contract and backlight and remote setup support and diagnostic. The monitor shall provide a dual safety system that detects obstructions causing the unit to stop through a flotating security sensor. 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 controlled by a wireless Android and iOS app providing information about the monitor's serial number, and access to the control and to the setup menu. The monitor shall provide an automated image adaptation for vertical and horizontal monitor position.

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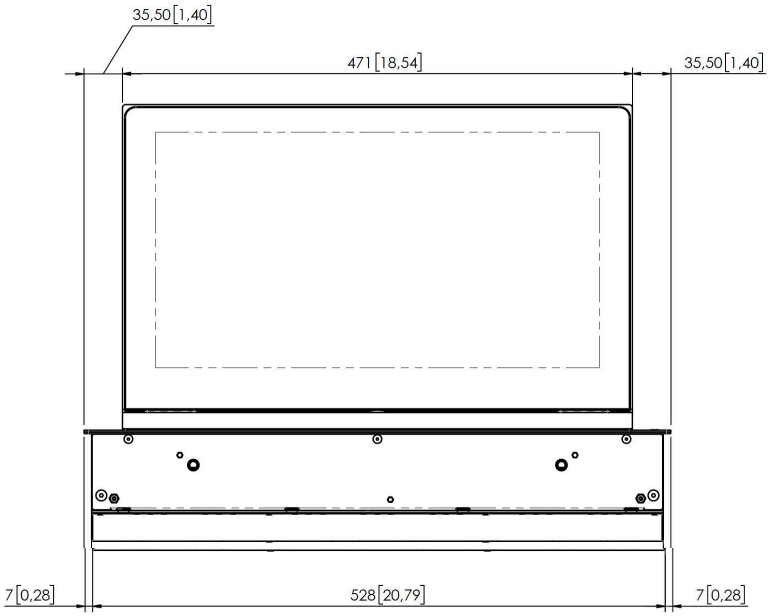
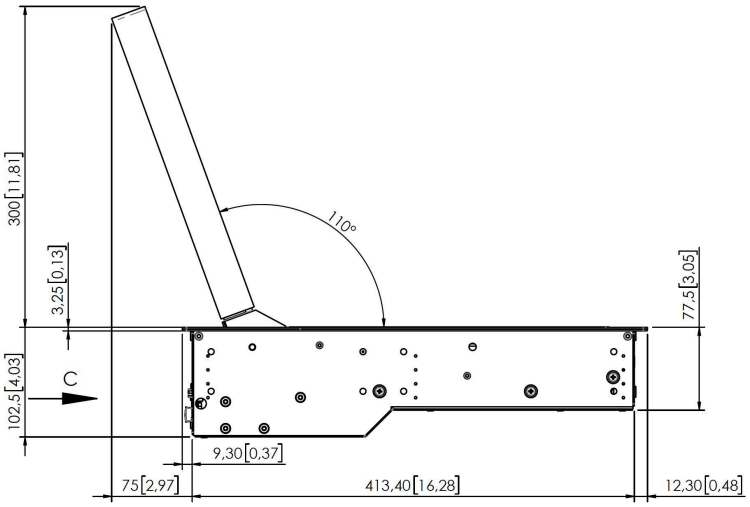
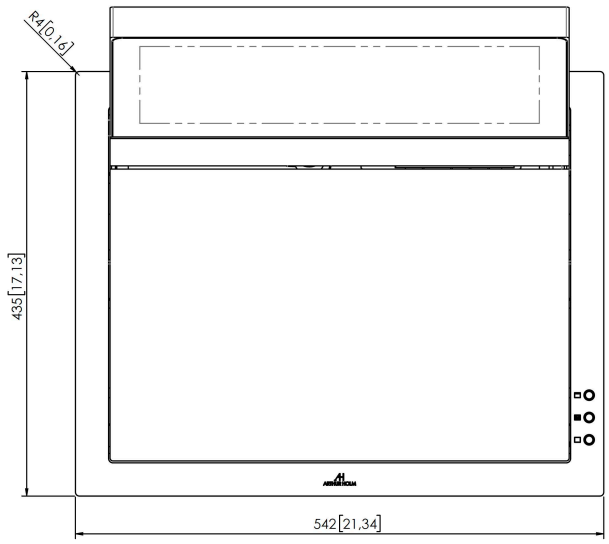
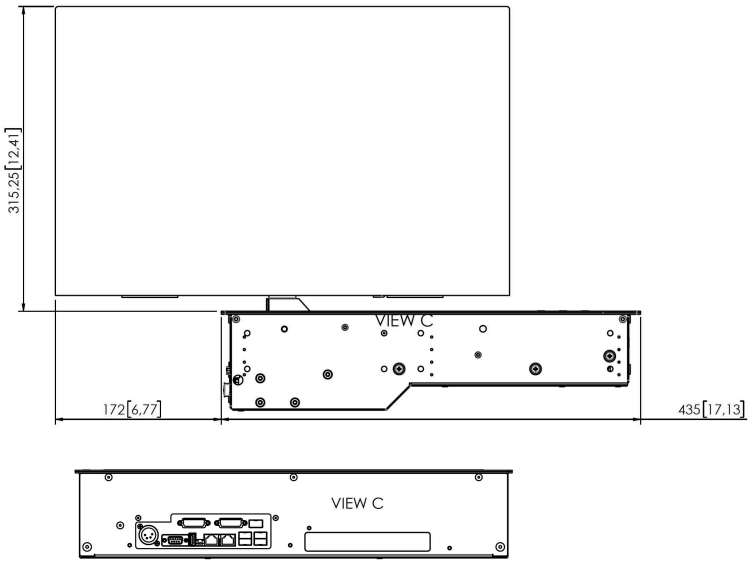
General Dimensions









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