

## Dynamic3Reverse

HDCP compliant aluminum foldable and rotatable motorized monitor



**Dynamic3Rev(577FW203)**

Serial: 0000000000			
Ver: 1.19			
<b>Control</b>			
OPEN	MEM	CLOSE	CLOSE_FU
DISP	ON	OFF	
DVIA	DVI1	DVI2	
BACKL	80		
CONTR	50		
BRIGHT	50		
SAVE VALUES	AHLINK OFF		
<b>Command:</b> 00:00:00:00:00			
SAVE VALUES	AHLINK OFF		
<b>Command:</b> 00:00:00:00:00			
S1	S2	S3	S4
<b>AHnet Address</b> 1			
<b>Position</b> 10			
<b>PASSWORD:</b> 0			

### Highlights

- Opens, folds down and rotates 180°
- Adjustable and memorizable tilt angle from 0° to 90°
- Entirely built of aluminum
- 2 DVI I/HDCP compliant
- Front anti-reflective 2-side coating 3mm black edged glass
- Low profile monitor enclosure
- Floating security sensor
- Maintenance free
- Interactive Setup Display (ISD)
- Energy saving design, low consumption video controller
- Serial control and remote diagnosis
- Compatible wireless connectivity for setup and control via AHlink
- Auto Mechanical Movement Calibration (AH-AMMC)

AHlink : the App for setup, control and diagnose



## General

Arthur Holm Dynamic3Reverse is a motorized foldable and rotatable monitor that provides horizontal and vertical adjustable working positions while keeping a low profile inside the working desk for a perfect integration in the furniture. The monitor shall be stopped at any point from 0° to 90° and shall provide a memory system. The monitor shall rotate 180° to be closed with the screen facing down. The rotation axis shall be in the area that is closer to the user.

The screen is protected with an anti-reflective 2 side coating 3 mm black edged glass. The monitor has a dual safety system that detects obstructions causing the unit to stop through a floating security sensor.

Dynamic3Reverese is available in 18.5", 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/RS-485 Full Duplex I/O allowing the remote control of movements, speeds, safety settings, brightness, contrast and backlight.

The monitors are equipped with Auto Mechanical Movement Calibration (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 allows access to the setup, diagnose and control menus.

## Technical Specifications

### Display

Size	Full HD 18.5" TFT Active Matrix. LED backlight
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 + Tf =35 ms
Temperature	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	Anodized aluminum

### Connectivity

Input signal	DVI-I (1 input) – HDCP Compliant DVI-D (1 input) – HDCP Compliant
RJ45 CAT6 (with loop)	Addressable RS-422/RS-485 Full Duplex monitor control by AHnet protocol
GPI (SubD9)	Movements Control
USB	For service

### Control

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

### Movements Control

User interface on monitor	(Up/Down/Rotation)
Remote	RS-422/RS-485 Full Duplex I/O / GPI

### Electrical

Low voltage	100-240Vac 50/60Hz, 12Vdc
Power consumption	55W

### Mechanical

Screen	471 x 315.25 x 33mm [18.54" x 12.41" x 1.30"]
Cover plate	542 x 434.5 x 4.1mm [21.34" x 17.1" x 0.16"]
Housing below the table	520 x 413.70 x 102.5 mm [20.47" x 16.29" x 4.03"]
Weight	20 Kg / 44.09 Lbs

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## Options

- Projected capacitive multi-touch screen
- Built-in DynamicTalk
- Integrated connectors on cover plate
- Retractable HDMI cable
- DynamicLoop
- DynamicShare

## Finishes

- Painted
- Black anodized
- Laser engraved logo
- Gold
- Bronze

## Certifications

- CE
- IEC6E
- CB

## Warranty

- 2 years general warranty



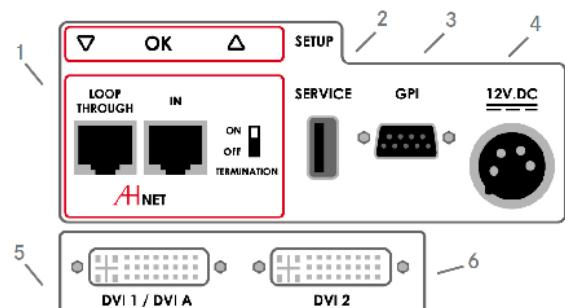

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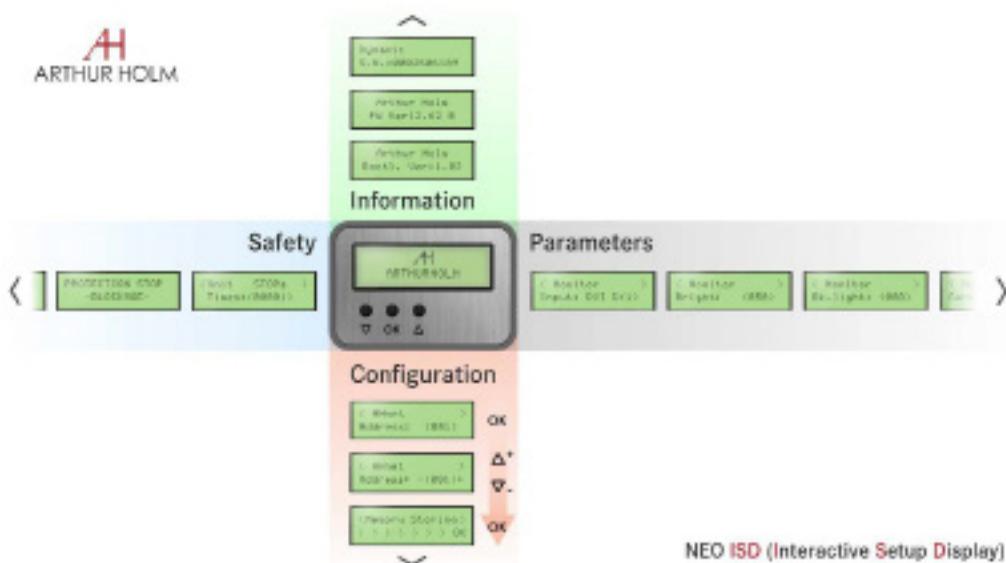
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## Connectivity

- 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

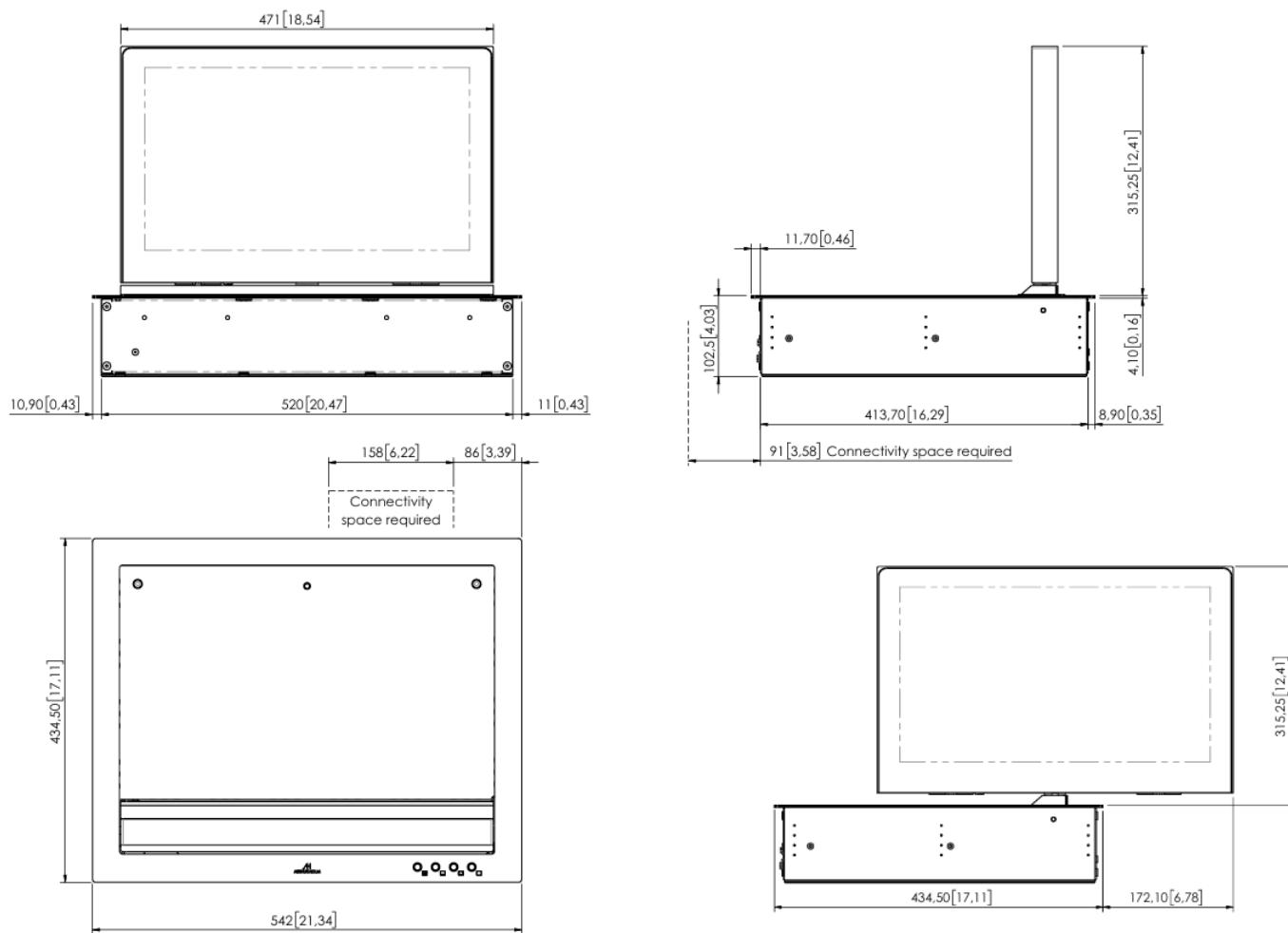


## Consultants, architects and engineers specifications

Motorized foldable and rotatable 18.5" 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 have a brightness of 400 cd/m<sup>2</sup>, a contrast ratio of 1500:1 and a backlight lifespan of 50,000 hours. The user shall be able to stop the movement at any point from 0° to 90° and the monitor shall provide a memory system to allow the user to recall the position. The monitor shall rotate 180° to be closed with the screen facing down. The monitor shall have a dual safety system that detects obstructions causing the unit to stop through a floating security sensor.

The monitor shall provide 2 DVI - HDCP Compliant inputs by a licensed HDCP monitor manufacturer. The monitor shall provide an addressable RS-422 / RS-485 Full Duplex 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, diagnosis and control.



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