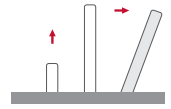


DynamicX2Talk

Aluminium retractable motorised monitor with integrated universal motorised lift system for “gooseneck” microphones



FEATURES

- Automatic 20° inclination
- Passive cover plate
- Interactive Setup Display
- Compatible with “gooseneck” microphones
- Standard XLR-3pin connection
- Adjustable microphone length
- Dynamic Light LED ring indicated microphone status
- Easy to install
- Maintenance free
- HDCP compliant
- Energy saving design
- Individual monitor addressing
- Integrated terminations switch
- Serial control & Remote diagnose

GENERAL

DynamicX2Talk monitors have been designed for installation into tables or desks. DynamicX2Talk is a state-of-the-art reliable, retractable, individually addressable and remotely diagnosable monitor which also integrate an independent lift system for “gooseneck” type microphones to be used at conference rooms, meeting rooms, board rooms, auditorium and public areas.

The monitor is silent, fast and extremely elegant in a modern design, made of mechanised and anodised aluminium. The upper table cover plate integrates a mechanism to lift and retract “gooseneck” type microphones equipped with a LED ring which changes

color from green to red, to indicate willingness of the user to talk. Furthermore, the system can also integrate a full HD video camera, becoming a complete audio and video conference station, which can disappear within the desk, when no needed. DynamicX2Talk provides automatic tilting by using only one engine; a system which is protected by an international patent. Its passive cover plate prevents dirt and any kind of object from falling inside the mechanism and the lift system has different speed levels depending on the screen position, having as a result a harmonic drive and eluding abrupt movements. An independent lift for the microphone, with a stylish round edge has been added to this solution and consequently, the user can choose to have only the screen, only the microphone, both or none.

TECHNICAL SPECIFICATIONS

Display

Size	FULL HD 21.5" TFT Active Matrix, widescreen
Resolution	1920 (h) x 1080 (v)
Brightness	250 cd/m2
Contrast ratio	1000:1
Pixel	0.2475 (h) x 0.2475 (v) mm
Viewing angle	178° (h) / 178° (v)
Viewing area	476.064 (h) x 267.786 (v) mm
LED backlight lifespan	30.000 hrs
Response time	Tg-g 25ms
Temperature <i>(operating/storage)</i>	Operating 0°C – +40°C Storage -20°C – +60°C

Materials

Cabinet & Cover plate	Monitor surface in toughened glass with touch buttons and main housing in milled out of solid aluminium in an anodised surface finishing. DynamicTalk integrated. DynamicTalk is a universal motorised microphone lift system remotely controllable through RS 422 or GPI with a Dynamic LED Ring for "ready to talk" and "talk" indications
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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

DynamicTalk Control

Up/Down Control	Button on upper cover plate
	GPI contact closer
	RS-422 (RJ45 CAT 5)
Microphone control	Button on upper cover plate
Customised function	Button on upper cover plate
GPI/O	LEDs control and switch

Electrical

Two ext. power supplies	100-240Vac, 47/63Hz, 12Vdc
Display consumption	80W
DTalk consumption	10W

Mechanical

Dimensions	736 x 95 x 602 mm [28.97"x3.7"x23.7"]
Weight	24 Kg / 52.9 lbs
Shipping Dimensions:	
Weight	25.8 Kg / 56.8 lbs
Shipping Box	812 x 167 x 707 mm

OPTIONS

- HDMI/ DynamicLoop
- DynamicShare
- Stainless steel box for keyboard and mouse
- Matte cover plate
- Touch screen
- USB camera
- Composite video camera
- HD-SDI camera
- 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
- Prepared for underneath installation, cover plate prepared to be veneered
- Additional customised laser engraved logotype on the cover plate
- Monitor housing anodised in different colours
- Adjustable tilt
- Custom microphone connection

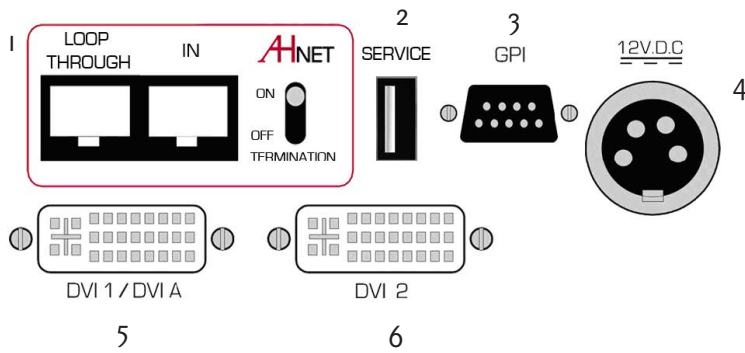
CERTIFICATIONS

- CE

WARRANTY

- 5 years limited warranty
- 2 years general warranty

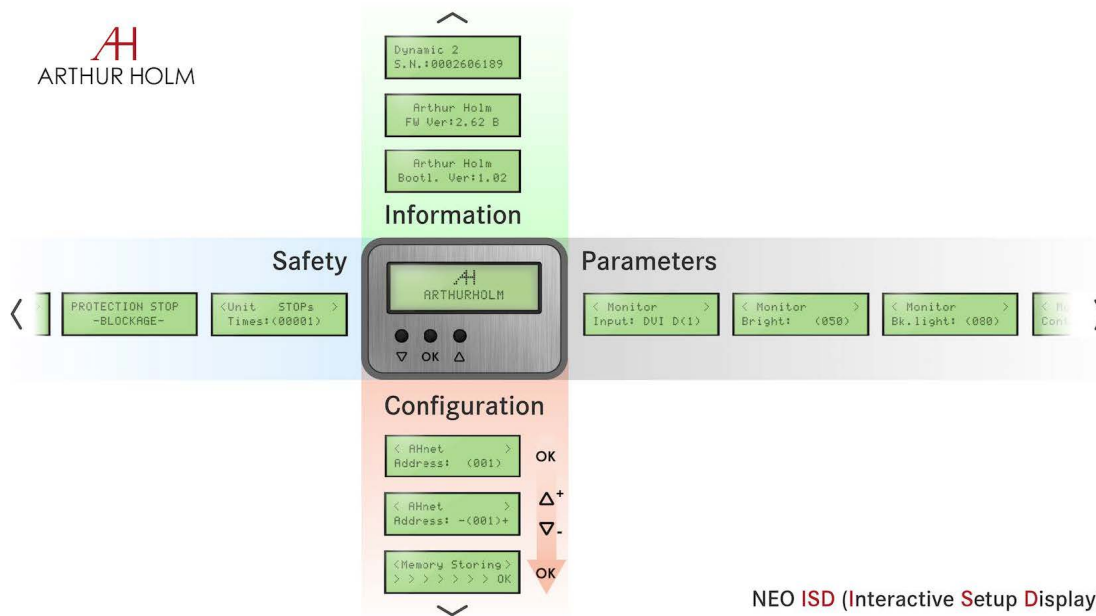
CONNECTIVITY PANEL



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



NEO ISD (Interactive Setup Display)

ARCHITECT’S SPECIFICATIONS

Retractable monitor with retractable microphone system, providing an integrated conference product. The screen and the microphone lifts can be operated independently.

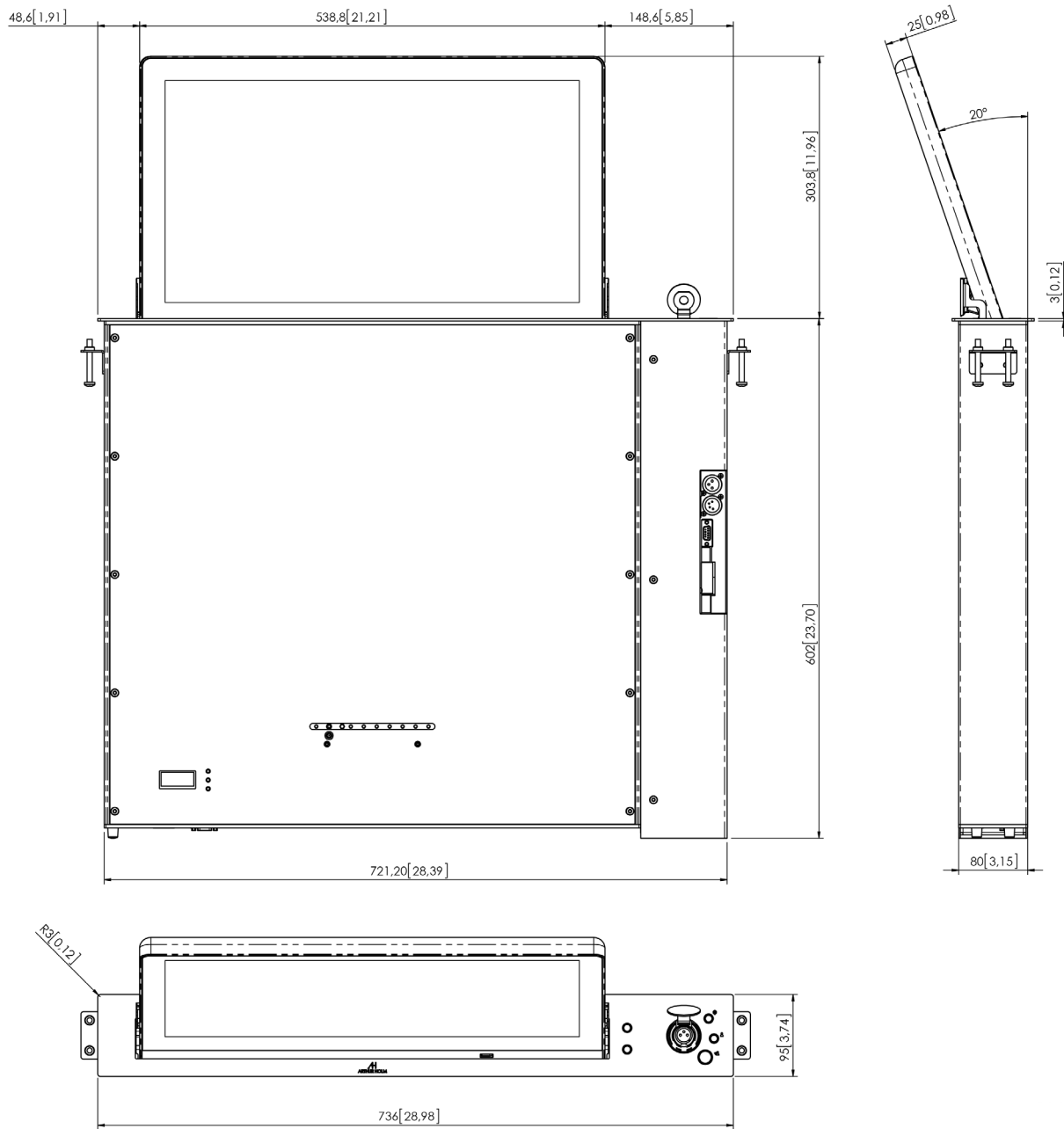
Low voltage professional electrically retractable 22” monitor with 20 degrees of automatic inclination. Solid block of aluminum monitor housing in natural anodised finishing, with rounded corners design. Front anti-reflective black-edged glass. Passive cover plate in brushed stainless steel for enhanced reliability. Lifting and tilting with a single electrical engine for increased reliability. DVI-I and DVI-D connectors. HDCP compliant inputs. Compatible with AHnet open protocol over RS-422, allowing independent remote control of up to 30 units over a daisy-chain CAT-5 or CAT-6 line. Additional control using buttons integrated on the cover plate that are activated or deactivated by using the AHnet. Easy to read Interactive Set-Up Display (ISD) 2.2”LCD display for address setup and status monitoring. Safety system that detects obstructions, causing unit to stop. External power supply with 4-Pin XLR4 connector.

Bottom connectivity for easy access and removal of monitor without disconnecting the monitor. Enhanced clearance between monitor housing and the floor. Adjustable mechanical parameters through AHnet or ISD for calibration and adjustment of mechanics. Diagnostic readout on ISD for increase service and support.

Low voltage professional retractable system for microphones up to 400/500/600mm long (upon request). Square brushed stainless steel cover plate integrated into the monitor’s cover plate. Rounded microphone opening cover lid, and three buttons for system operation. Programmable green and red LED ring for microphone status indication. Patented design to avoid microphone damage or blockage when retracting. Operation modes for using standard microphones and conference systems. Compatible with AHnet open protocol, allowing independent remote control of up to 30 units over a daisy-chain CAT-5 line. Additional control by means of the buttons integrated on the cover plate and the general purpose interface inputs and outputs. External power supply.

GENERAL DIMENSIONS

AH22DX216GATalk



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