AHPylon

HDCP compliant Glass Podium

Highlights

- Mobile podium entirely made of security black glass
- Seamless exclusive 45° miter construction
- Touch screen
- Opening system to allow to store computers
- Lockable hidden wheels

General

Arthur Holm AHPylon serves as a speaker podium or an interactive information podium. The podium can be configured to match each individual needs. Its design permits an easy displacement of the podium and the hidden lock access point prevents from unwanted movements and unauthorized access to the internal components of the pylon. The hidden wheels create an elegant and unobstructive design while making the podium always mobile.

Interactive solutions improve the user engagement and experience, no matter what environment – from a reception in a company, a wayfinding directory to lecterns and speaker podiums.

The design should be attractive, convenient, robust and versatile. It should be prepared to accommodate computers, microphones and other peripheral for different communication and presentation purposes. Podiums should also include wheels to be moved easily and an internal cable management system and a sober and streamlined look will ensure the fusion with any interior design.

Technology serving Design

Display

Size	Full HD 46" TFT Active Matrix, widescreen
Resolution	1920 (h) x 1080 (v)
Brightness	500 cd/m2
Contrast ratio	4000:1
Pixel	0.53025 (h) x 0.53025 (v) mm
Viewing angle	89°/89° (u/d) - 89°/89° (l/r)
Viewing area	1018.08(h) x 572.67(v) mm
LED lifespan	50,000 hrs
Response time	Tg-g 6.5 ms
Touch screen	Dual touch
Temperature (operating/storage)	Operating 0°C — +50°C Storage -20°C — +60°C

Materials

Glass cabinet	10 mm safety piano black glass / 45 degrees miter

Connectivity

Input signal	DVI-I (1 input) – HDCP Compliant DVI-D (1 input) – HDCP Compliant
XLR connector for microphones	

Electrical

External power supply	100-240 Vac, 47 / 63 Hz, 12Vdc
Power consumption	80W

Mechanical

Dimensions:	
PylonDimensions	TBD
Weight	TBD
Shipping Dimensions:	
Weight	TBD
Shipping Box	TBD

Options

- XLR 3 pin connector with shock mount
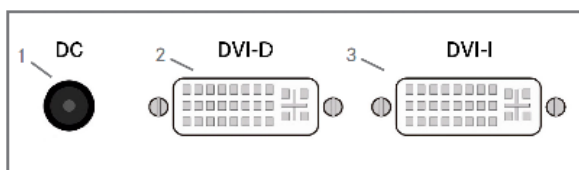- Foldable tray for keyboard and mouse

Certifications

- CE
- FCC

Warranty

- 2 years general warranty

Connectivity Panel

Pylon enclosure specifications

Light properties	
Light transmissions: τv [%]	0
External light reflection: ρv [%]	4
Internal light reflection: ρvi [%]	4
Colour rendering index: Ra [%]	
Energy properties	
Solar factor: g [%]	23
External energy reflection: ρe [%]	4
Internal energy reflection: ρei [%]	4
Direct energy transmission: τe [%]	0
Energy absorption glass 1: $\alpha e1$ [%]	96
Total energy absorption: αe [%]	96
Shading coefficient: SC	0.26
UV transmission: τuv [%]	0
Selectivity	0.00
Thermal properties	
Thermal transmittance (vertical): Ug (W/(m².K))	5.5
Acoustic properties	
Direct airborne sound insulation – EN 12758: Rw (C;Ctr)(dB)	35 (-1; -3)
Safety properties	
Resistance to fire - EN 13501-2	NPD
Reaction to fire - EN 13501-1	NPD
Bullet resistance - EN 1063	NPD
Burglar resistance - EN 356	NPD
Pendulum body impact resistance - EN 12600	1B1
Explosion resistance - EN 13541	NPD

Consultants, architects and engineers specifications

The podium shall be made of 10 mm. safety black glass with a seamless 45° miter construction. The podium shall provide hidden low resistance wheels with breaks. The podium shall provide a hidden acess point to prevent access to the internal components and the unwanted release of the wheels. The podium shall not have any visible screw, mount or lock.

The 46" Full HD monitor shall have a brightness of 350 cd/m2, a contrast ratio of 4000:1 and a backlight lifespan of 50,000 hours. The monitor shall provide 2/ DVI inputs by a licensed HDCP manufacturer. The podium shall provide a capacitive projected multi-touch screen.

DETAIL C - CONNECTIONS
ESCALA 1 : 5

11 [0,43] Mobil Pylon Height

To 1210,47] from 26 [1,02] Fixed Pylon Height

536 [21,08]

1263 [49,72]

1004 [39,51]

450 [17,72]

60°

90°

Technology serving Design