

Vista 4500

Networked multi-function console



Vista 4500 is Barco's latest family of multi-function consoles offering an ergonomic rugged working position for the most demanding sonar, Command and Control, fire control or situational awareness applications. The Vista 4500's modular approach makes it ideal for integration into various Combat Information Center (CIC) applications on board surface ships or submarines.

Barco's Vista 4500 consoles are fully network capable, so they successfully address the needs of modern CIC rooms, where reduced manpower and low cost of ownership is of utmost importance. Networked visualization makes it possible to visualize any real-time data anywhere in the CIC room and offers utmost flexibility, redundancy and survivability.

Barco's Vista-4500 comes in two configurations:

- **Vista 4500-B:** basic, cost-effective console that is fit for a full range of Command and Control applications.
- **Vista 4500-E:** multi-function console featuring advanced and expandable computing. The Vista 4500-E version includes Barco's RDDS-2 radar solution as well as the FlexiVisionIII video streaming and recording option.

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Technical specifications

Power	115-220 VAC, 50-60 Hz
Display	From 19" to 30" LCDs. Different display layouts possible, including Dual Head Top/Down or Side by Side, Single head
Desk	Foldable. Large range of input devices supported (Keyboard, track ball, joystick, throttle)
Human factors	MIL-STD-1472
Touch input display	10" LCD panel with touch screen, Optional embedded computer
Control terminal	2.2" LCD panel for health status, control buttons
Extensions	Function keys, external USB port, audio, ...
Dimensions HMI unit	Dual Head Top/Down: 650 x 1960 x 950 mm max, Weight < 125 kg Dual Head Side by Side: 1200 x 1300 x 950 mm max, Weight < 145 kg Single Head: 650 x 1300 x 950 mm max, Weight < 105 kg
CPU	Intel Core 2 Duo
Graphics accelerator	Native chip set or optional embedded PCIe graphics module
Media	SATA HDD 250 GB system disk
Operating temperature	0° C to 50° C
Storage temperature	-30° C to 70° C
Humidity	95% at 40°C non-condensing
Vibration	MIL-STD-167-1
Shock	MIL-STD-810E
EMI / EMC	MIL-STD-461D/E
Degree of enclosure	MIL-STD-810E, 45°
Acoustic Noise	MIL-STD-740-1 (SH) Grade C, 54 dB(A)
Electrical standard	MIL-STD-1399 Section 300A, STANAG 1008 ed9