Vista 4500

Networked multi-function console

ScioTeq's Vista 4500 comes in two configurations

Vista 4500-E
multi-function console featuring advanced and expandable computing based on the PICMG1.3 computer form factor (PCIexpress and PCI extension slots). The Vista 4500-E console is highly cost-effective and fit for a full range of Command and Control applications.
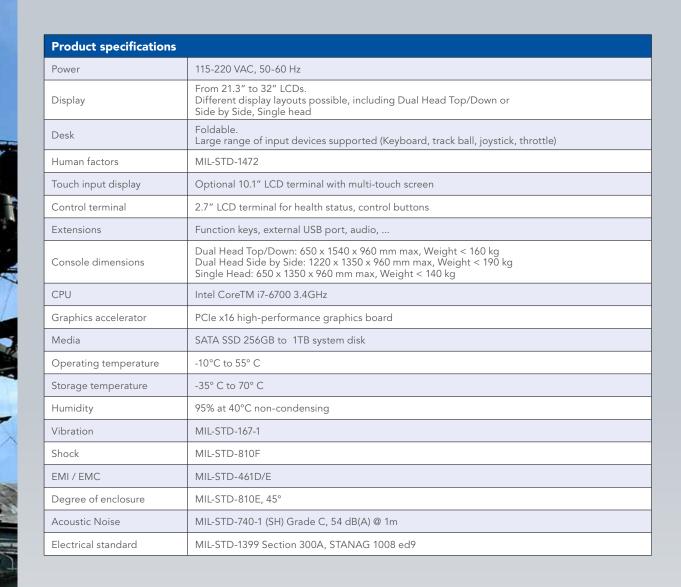
Vista 4500-R
multi-function console featuring expandable computing to support up to 10U of 19" rackable computer configurations (VME, cPCI multi-processor configuration).

Vista 4500 is ScioTeq's latest family of multi-function consoles offering an ergonomic rugged working position for the most demanding sonar, Command and Control, systems 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.

ScioTeq'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 are 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.

The Vista 4500 console includes ScioTeq's radar solution as well as Esterline's networked video streaming and recording options.

Product specifications

Power	115-220 VAC, 50-60 Hz
Display	From 21.3" to 32" 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	Optional 10.1" LCD terminal with multi-touch screen
Control terminal	2.7" LCD terminal for health status, control buttons
Extensions	Function keys, external USB port, audio, ...
Console dimensions	Dual Head Top/Down: 650 x 1540 x 960 mm max, Weight < 160 kg Dual Head Side by Side: 1220 x 1350 x 960 mm max, Weight < 190 kg Single Head: 650 x 1350 x 960 mm max, Weight < 140 kg
CPU	Intel CoreTM i7-6700 3.4GHz
Graphics accelerator	PCIe x16 high-performance graphics board
Media	SATA SSD 256GB to 1TB system disk
Operating temperature	-10°C to 55° C
Storage temperature	-35° C to 70° C
Humidity	95% at 40°C non-condensing
Vibration	MIL-STD-167-1
Shock	MIL-STD-810F
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) @ 1m
Electrical standard	MIL-STD-1399 Section 300A, STANAG 1008 ed9

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