SV-126

10" smart display

Barco's SV-126 smart display combines a 10-inch touch screen with the graphics and computing power of Barco's DPM rugged computer. Thanks to its compact footprint, the SV-126 can be easily integrated into the confined spaces of wheeled and tracked vehicles.

Extreme ruggedization

Barco's SV-126 smart display offers the latest proven technologies, such as a rugged analog-resistive, low-reflection touch screen and the latest generation of Intel® Core™ processors. It also features a unique thermal management system which makes the smart display fit for the harshest temperature environments.

Modular design

Additionally, the SV's modular architecture boosts flexibility in terms of processing power and graphics performance, and features multiple option boards for increased functionality.

Advanced image processing

The SV-126 supports advanced video processing and high-quality video streaming capability for better situational awareness, making it a perfect fit for dashboard applications.

BARCO

Visibly yours

SV-126

10" smart display

Barco's SV-126 features:

· 10" analog-resistive rugged touch screen
· XGA (1024 x 768) resolution
· Compact footprint for easy integration into vehicles
· Fanless and rugged design
· High computing and graphics performance
· High-performance video processing
· Field-removable solid state drive
· Easy maintenance (local or remote)

Technical specifications	SV-126
Panel size	10.4" diagonal, 4:3 aspect ratio
Resolution	1024 x 768 (XGA)
Panel specifications	16.7 M colors 256 grayscales (with patent pending dithering algorithm)
Brightness	Day mode: min. 430cd/m² / 125fL Night Node: max 3.43cd/m² / 0.1fL
Contrast ratio	400:1 (dark environment)
Dimming ratio	Typ. > 100:1
HMI	4 control keys Up to 32 function keys Rugged AR high-resolution touch screen
Computing	Intel® Core™ i3 (3rd Generation), 2x 2.4GHz, 4GB RAM Intel® Core™ i7 (3rd Generation), 2x 2.1GHz, 8GB RAM
Graphics card	Integrated Intel HD Graphics 4000 Optional high-performance MXM graphics card
Storage capacity	40GB Field Removable SATA SSD
Inputs - Outputs	1 Intel PRO1000 Gigabit Ethernet ports4x USB 2.04x serial lines (RS232/RS422/RS485) 2x isolated CAN bus, Can 2.0B compliant HD audio in/out/micro 4x video inputs RS170, PAL/NTSC (isolated)
Option slots	1x XMC/PMC 2x miniPCIe
Operating system	Microsoft Windows 7 Professional, 64-bit RedHat Linux Enterprise Linux 6, 64-bit
Power Supply	MIL-STD 1275E compliant (IES compliant)
Power consumption	Power consumption 50W typ., 80W max (without heaters)
Dimensions	286 x 254 x 84 mm / 11.25" x 10.0" x 3.3" (w x h x d)
Weight	7,25 kg / 16 lbs
Vibration	MIL-STD 810G
Humidity	MIL-STD 810G
Sand & dust, salt fog	MIL-STD 810G
Operating temperature	-46°C / -51°F, +65°C / 150°F (MIL-STD 810G), even up to 71°C/160°F
EMI / EMC	MIL-STD 461F

BARCO

Visibly yours