

HD-40

40" rugged large display for collaborative visualization



Barco's 40-inch rugged display is an ideal solution for collaborative review and decision-making in Combat Information Centers, bridges and other shipboard locations. The large-screen displays are network-capable and feature integrated computing modules to display any and all data, including video over IP. Barco's HD-40 display can be mounted on any shipboard bulkhead location and will accept analog, digital and internet protocol signals.

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Technical specifications

Screen size	40"
Resolution	HD 1080 (1920x1080px)
Brightness	Typical 400 cd/m ² (116 fL)
Contrast ratio	2000:1 (in dark environment)
Dimming ratio	minimum 100:1 (from daylight readability to night conditions)
Vibration	Ships: MIL-STD-167-1, Type 1
Shock	MIL-STD-810E Meth. 516.4 30g - 12.5ms half sine MIL-STD-901D, Lightweight Grade B
Operating temperature	MIL-STD-810E Low temp: 0°C High temp: +50°C
Storage temperature	MIL-STD-810E Low temp: -40°C High temp: +70°C
Humidity	MIL-STD-810E Max. 95% @ 40°C
Operating altitude Low pressure	MIL-STD-810E 15,000 ft
EMI / EMC	MIL-STD-461 F (Surface navy applications)
FCC	FCC-A
Signal inputs	DVI-I, VGA (type DVI-I, integrated DVI)
RS-232 serial port	9 PIN sub D
Power	MS 27656 T 09 F 98P (MIL-C-39999 series I)
Controls	UP / DOWN / SEL / QUIT / STANDBY In conjunction with OSD
Indicators	Green 'Power' LED, Red 'Fault' LED
Power supply	115-220V AC
Guidelines	MIL-STD-1399 compliant section 300A
Power consumption	200W (typical)
Safety	IEC 950
Weight	33.6 kg (74 lbs)
Finishing	Bezel color is No 26307 (FED-STD-595) (Navy gray)
MTR	Less than 30 minutes
Scaling	No scaling / full screen / keep aspect AutoSet, Automatic Phase Adjust (APA), Automatic Gain Control (AGC)
Options	Video over IP via fiber or copper Ethernet