

# Technical datasheet

- Type approved Maritime Display
- 23" Monitor 1600x1200(LED BL system)
- RADAR / ECDIS / automation
- 24 / 7 operation



Part no.: 28-146-00-22  
 Description: BPM 723-DA-AC-BZ-FO

preliminary  
 Ver.1.0

Optical Characteristic	Power Supply
Display Diagonal: 23" (58,4 cm)	Input voltage: 85 - 263 VAC, 50/60Hz
Resolution: 1600 x 1200 (4:3)	Connector: IEC C14 inlet
Viewing angle: L/R/U/D 85°/85°/85°/85°	Grounding:
Color Depth: 8 Bit/16 Mio. color/ 256 grey scale	Power consumption :
Contrast typ.: 600:1	VA typ.: 90
Response time typ.: 12ms (25°C)	Watt typ.: 60
Brightness typ.: 300 cd/m <sup>2</sup>	Environment
Dimming: 200:1	Temperature:
	Operating : -15 to +70°C (above 55°C limited operation)
	Storage : -30 to +70°C
Interfaces / connections	Humidity: 5-95% @40°C (not condensing)
DVI: 1 x DVI DVI-I	
RGB: 1 x VGA 15 p. HD-Sub	EMI/EMC: CE;EN 55022;EN 61000-6-2
RGB out: 1 x VGA 15 p. HD-Sub	IEC 60945
Serial: 1 x RS232 (remote) 9 p. D-Sub	Vibration: IEC 60945 0,5 G rms 5-200 Hz
	Shock: MIL-STD 810 +/- 20G/11ms half sine (BTM)
OSD Keyboard: foil keyboard (front side)	Other
	MTBF: 27500 hour , Naval Sheltered @25°C
	Ground concept: Grounded (Logic ground connected to Chassis)
Front & Chassis	Qualification
Aluminum housing: Front plate IP 65 / cabinet IP 23	CE;GL cat. C;IEC 60945
Cooling concept: convection cooling (with integrated Fan)	IEC 62388 / IEC 61174 ECDIS;IEC 63288 / RADAR
Finish: RAL 9005 (black)	
Protection glass: AR coated protection screen	Options
Mounting: Console mount	Alarm Buzzer;DC Power Input;Handles;optical bonding
Dimension in mm: (HxWxD) 534 / 584 / 86	Accessory
Weight in kg: 14,5 kg	

