

# Technical datasheet

- **rugged Monitor**
- **24" Monitor 1920x1080 (LED BL system)**
- **MIL-STD 461 / MIL-STD 810**
- **designed for rugged application**



**Part no.:** 24-570-00-02  
**Description:** BAYQAD 924-DA-AC

preliminary  
 Ver. 0.9

Optical Characteristic	Power Supply
Display Diagonal: 24" (60,9 cm)	Input voltage: 115 / 230 VAC, 50/60 Hz
Resolution: 1920 x 1080 (16:9)	Connector: IEC C14 inlet
Viewing angle: L/R/U/D 89°/89°/89°/89°	Grounding: M6 ground stud
Color Depth: 8 Bit/16 Mio. color/ 256 grey scale	Power consumption :
Contrast typ.: 2000:1	VA typ.: 90 VA
Response time typ.: 25ms (25°C)	Watt typ.: 51 Watt
Brightness typ.: 250 cd/m <sup>2</sup>	<b>Environment</b>
Dimming: 100 to 0%	Temperature:
	Operating : -15 to 50°C
	Storage : -32 to 70°C
<b>Interfaces / connections</b>	Humidity: 5-95% @40°C (not condensing)
DVI: 1 x DVI; DVI-I	
RGB: 1 x VGA; 15 p. HD-Sub	EMI/EMC: CE
Serial: 1 x RS232 (remote); 9 p. D-Sub	MIL-STD 461 (BTM, Naval below Deck)
;	Vibration: MIL STD 810 1G 5-200 Hz (BTM)
;	Shock: MIL-STD 810 +/- 10G/11ms half sine (BTM)
OSD Keyboard: foil keyboard (front side)	<b>Other</b>
	MTBF: 27.300 hour , Naval Sheltered @25°C
	Ground concept: Grounded (Logic ground connected to Chassis)
<b>Front &amp; Chassis</b>	<b>Qualification</b>
Aluminum housing: front plate IP 65 / cabinet IP 54	CE
Cooling concept: passive cooling (no fan, no noise)	
Finish: RAL 9005 (black)	
Protection glass: AR coated glass pane with EMC Filter	
Mounting: VESA 200	<b>Options</b>
Dimension in mm: (HxWxD) 358 / 590 / 88 mm	customization on request;DC Power Input;optical bonding;touch screen
Weight in kg: 11,7kg	

### Mechanical Dimension:

