

# Technical datasheet

- ▶ **TFT monitor with 10,4" diagonal**
- ▶ **Sun light readability**
- ▶ **MIL-STD 461 / MIL-STD 810**
- ▶ **designed for rugged application**



**Part no.:**  
**Description:**      **BQR 910-DM-DC24**

preliminary  
 Ver. 1.0

Optical Characteristic	Power Supply
Display Diagonal: 10,4" (26,4 cm)	Input voltage: 24 V (18 - 32 VDC, elec. isolated)
Resolution: 800 x 600 (4:3)	Connector: SJT00RT-12-4P014
Viewing angle: L/R/U/D 85°/85°/85°/85°	Grounding: M6 ground stud
Color Depth: 8 Bit/16 Mio. color/ 256 grey scale	Power consumption :
Contrast typ.: 1000:1	VA typ.: - n/a -
Response time typ.: 25ms (25°C)	Watt typ.: 20 Watt
Brightness typ.: 750 cd/m <sup>2</sup>	Environment
Dimming: 100 to 0%	Temperature:
	Operating : -32 to +55°C
	Storage : -32 to 70°C
Interfaces / connections	Humidity: 5-95% @40°C (not condensing)
RGB 1 x VGA; SJT00RT-12-35S014	
CVBS/FBAS 1 x FBAS In; BNT	EMI/EMC: CE;MIL-STD 461 (BTM, Naval below Deck)
CVBS/FBAS 1 x FBAS out; BNT	
RS232;USB 1 x RS232 (remote);1 x USB 2.0; SJT00RT-12-35S014	Vibration: MIL STD 810 1G 5-200 Hz (BTM)
- n/a -;	Shock: MIL-STD 810 20G/17ms half sine (BTM)
	Other
Function keys: illuminated function keys (dimnable)	MTBF: 25000 hour , Ground fixed @25°C
OSD Keyboard: illuminated OSD keys (dimnable)	Ground concept: floating (logic ground isolated from Chassis)
Front & Chassis	Qualification
Aluminum housing: front plate IP 65 / cabinet IP 65	MIL STD 461-D;MIL STD 810
Cooling concept: passive cooling (no Fan, no noise)	MIL STD 167-1;MIL STD 704-E
Finish: RAL 9005 (Tiefschwarz)	
Protection glass: AR coated 3 mm glass pane with EMC Filter	
Mounting: Console mount;VESA 100	Options
Dimension in mm: (HxWxD) 280 / 320 / 94 mm	customization on request;optical bonding
Weight in kg: 6,2 kg	

# Mechanical Dimension:

