

Technical datasheet

- ▶ Rugged Monitor (VESA mount)
- ▶ 18,5" Monitor 1920 x1080 (LED BL System)
- ▶ Passive/conduction cooled
- ▶ Designed for flight application



Part no.: 63-100-00-02
Description: BAYQAD 185W-DDS-DC24

released
 Ver.1.0

Optical Characteristic		Power Supply	
Display Diagonal:	18,5" (47 cm)	Input voltage:	28 V (18-32 VDC, elec. isolated)
Resolution:	1920 x 1080 (16:9)	Connector:	M16 Binder 680 (male)
Viewing angle:	L/R/U/D 88°/88°/88°/88°	Grounding:	M6 ground stud
Color Depth:	16 Mio. color / 256 grey scale	Power consumption :	
Contrast typ.:	1000:1	VA typ.:	- n/a -
Response time typ.:	20ms (25°C)	Watt typ.:	36 watt
Brightness typ.:	500 cd/m ²	Environment	
Dimming:	200:1	Temperature:	
		Operating :	-15 to +55°C
		Storage :	-40 to +70°C
Interfaces / connections		Humidity:	5-95% @40°C (not condensing)
DP:	1 x Display Port ; (DisplayPort)		
DVI:	1 x DVI ; (DVI-D)	EMI/EMC:	MIL-STD 461 (BTM, naval below deck)
SDI:	1 x SDI Input ; (BNC)		
SDI:	1 x SDI (output, loop through) ; (BNC)	Vibration:	MIL STD 810 1G 5-200 Hz (BTM)
Serial:	1 x RS232 (remote) ; (9 p. D-Sub)	Shock:	MIL-STD 810 +/- 20G/10ms x/y/z half sine (BTM)
OSB Keyboard:	Foil keyboard (front side)	Other	
		MTBF:	28400h
		Ground concept:	Grounded (logic ground connected to chassis)
Front & Chassis		Qualification	
Aluminum housing:	Front plate IP 65 / cabinet IP 54		CE
Cooling concept:	passive cooling (no Fan, no noise)		
Finish:	RAL 9005 (black)		
Protection glass:	AG coated / optical bonded glass	Options	
Mounting:	VESA 100;VESA 200		
Dimension in mm:	(HxWxD) 448 x 299 x 75 mm	Accessory	
Weight in kg:	6,32 kg		

Mechanical Dimension:

