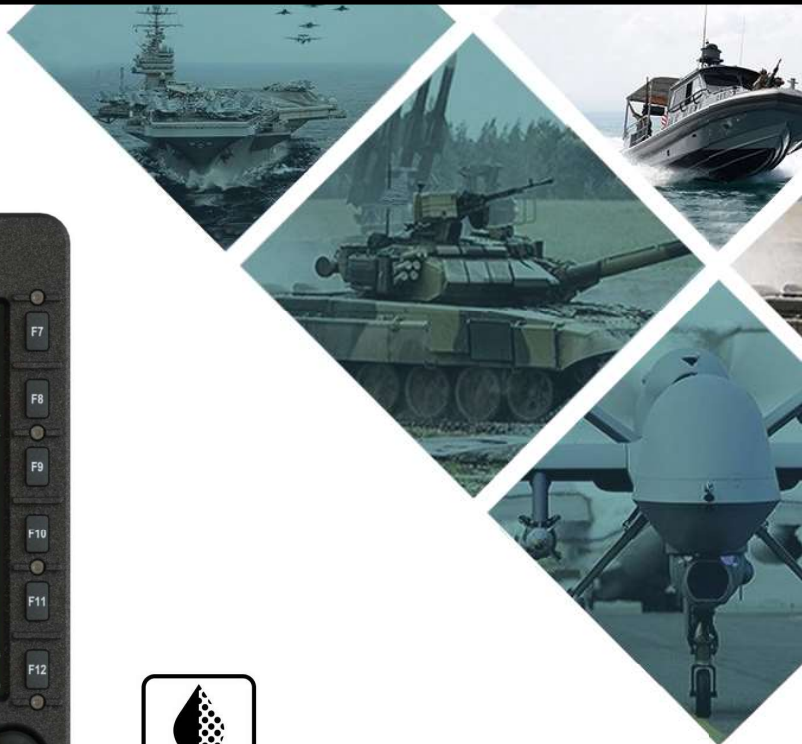


MODEL: SD-102RDG-G9



*Picture is for reference only. Overall design can vary depend of requested configuration.



Features:

- MIL-STD-810H Environmental compliance
- MIL-STD-461G EMC compliance
- Full IP67 water dust proof, anti-corrosion housing

FEATURES



Size / Type
10.2" TFT LED



Brightness
1000 (cd/m²)



Contrast
1000 : 1 (typ.)



Resolution
1920 x 1080



Max. Colors
16.2 M



Viewing Angle
-85~85(H); -85~85(V);



Glass
AG/AR Protective Glass

SYSTEM FEATURES	
Dimming	0~100% Dimming Control
Mounting	VESA
Material	Full Aluminum alloy, black anodized
Power Consumption	25W (typical)
Programmable buttons	Via USB interface
Buttons	28x Silicon buttons (20x buttons programmable)
Video Inputs	2x HD-SDI (TNC), 1x Mini DisplayPort (D38999), 1xVGA(D38999)
Power Input	Wide range 9-36V DC input (D38999)
I/ O (Interfaces)	
Serial	1x Serial Out (for F1~F20 commands)
USB	1x USB port (for programming buttons)
Remote Control (*Optional)	1x Serial/UART protocol (for remote control)
Video in	2x HD-SDI, 1x Mini DisplayPort, 1xVGA
Power Input	1x 9~36V DC Input with MIL-STD-1275/704 Transient protection
PANEL SPECIFICATION	
Size / Type	10.2” LCD
Resolution	1920x 1080 FHD
Contrast Ratio	1000 : 1 (typ.)
Max. Colors	16.2M colors
Brightness	1,000 nits (cd/m ²) Sunlight Readable high brightness
Viewing Angle	-85 ~ 85 (H); -85 ~ 85 (V)
Touch Screen (*Optional)	*5-wire resistive touch screen
DIMENSIONS	
Dimensions	262 x 194 x 100 mm
Weight	4kg

ENVIRONMENT TOLERANCE

Operating Temperature	-32 deg. C to 71 deg. C
Storage Temperature	-40 deg. C to 85 deg. C
Humidity	5 to 95% (Non Condensing)
Shock	MIL-STD-810H Method 516.6
Vibration	MIL-STD-810H Method 514.6C - 3
Humidity	MIL-STD-810H Method 507.5 – 7 High
High Temperature	MIL-STD-810H Method 501.5 – II low
Low Temperature	MIL-STD-810H Method 502.5
EMI Compliance	MIL-STD-461G
IP Level	Ingress Protection IP67
Ground Vehicle	MIL-STD-1275A/B/D



DESIGNED TO MEET ALL CHARACTERISTICS OF
MILITARY STANDARDS



MECHANICAL DRAWING

*Drawing is for reference only to overall dimensions.
Connectors and layout can be changed depend of requested configuration.

