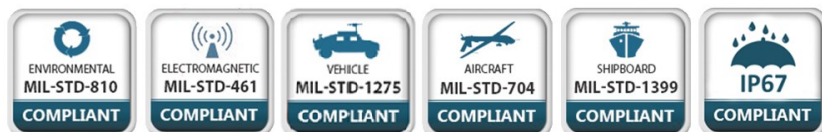


MODEL: SD-102WRP-G5



Features:

- CPU: Intel® Core™ i7-1365URE Processor
- MIL-STD-810H Environmental compliance
- MIL-STD-461G EMC compliance
- Full IP67 water dust proof, anti-corrosion housing



FEATURES

1

CPU:
Intel® i7-1365URE
Quad Core Processor

2

Memory:
DDR5 4800 MHz 64GB

3

Storage:
Up to 4TB SSD

4

Chipsets:
Intel Integrated

5

Size / Type:
10.2" LCD (LED backlight)

6

Resolution:
1920x1080 FHD

7

Max. Colors:
16,2 M Colors

8

Brightness:
1,000 nits (cd/m²)

9

Optional Touch Screen:
5-wire resistive

SYSTEM FEATURES	
CPU	Intel® 13th Generation Raptor Lake 10x Cores Intel® Core™ i7-1365URE, 12M Cache, up to 4.90 GHz Processor
Chipsets	Intel® Integrated
Graphics	Intel's 13th generation (Intel® Iris® Xe Graphics)
Memory	DDR5 4800 MHz 64GB
Storage	Up to 4TB NVMe SSD
Ethernet	2 x Intel 2.5GbE I226-IT LAN ports; (Optional 4x 2.5GbE LAN)
BIOS	UEFI BIOS
Buttons	20x Silicon Programmable buttons + Joystick
Video Input	1x HD-SDI and 2x Analog PAL/NTSC Frame Grabbers
Power Input	Wide range 18-36V DC input
Power Consumption	50W (typical)
I/ O (Interfaces)	
Serial	2x RS232/RS422/RS485
USB	4x USB 2.0
Ethernet	2x 2.5GbE LAN
Video In	1x HD-SDI and 2x Analog PAL/NTSC inputs
GPIO	4x DI / 4x DO
Power Input	1x 18~36V 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	5-wire resistive touch screen
DIMENSIONS	
Dimensions	320 x 226 x 79mm
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	Full IP67
Ground Vehicle	MIL-STD-1275A/B/D



DESIGNED TO MEET ALL CHARACTERISTICS OF
MILITARY STANDARDS



MECHANICAL DRAWING

