

MilDef DF10



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A fully rugged handheld device where performance and long lasting operation in demanding environments are key. The MilDef DF10 is made to last longer and to be supported long after your ordinary commercial handheld unit have reached its end of life.

Customizable

Are you looking for additional features and functions? MilDef specializes in customized solutions, to include change of connectors, chassis modifications, mounting solutions, etc. Contact your nearest MilDef Sales Office and we will help you tailor a solution to meet your exact requirements.

Guaranteed performance

MilDef products are designed for the long lifecycles of military programs and come with a lifetime support program to ensure your equipment maintains peak performance for many missions to come.

We also guarantee the availability of spare parts for an additional 5 years after product end-of-life.

Features

- Android™ OS
- 5.7" display
- Resistive multitouch
- Water and dust resistant (IP67)
- Hot swappable batteries
- GNSS: GPS/Glonass/Beidou/Galileo/QZSS
- Bluetooth 5.2

Options

- Sealed Fischer connectors with USB2.0, MLAN, RS232, VGA, Audio
- Invisible mode
- Double capacity battery

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Connector Interfaces

- (bottom) • 1x USB2.0 OTG Type C Female

Other Interfaces

- 3x Back / Home / Menu buttons (front)
- 1x Power button (left side)
- 2x Volume up / down buttons (front)
- 1x Status indicator (front)

Technical Specification

Audio	Mono Speaker, Built-in mic
Bluetooth	5.2
Camera	Front camera, 5 MP Rear camera, 13 MP
Computer graphics	Mali-G52 3EEE MC1 OpenGL/ES 3.2/2.0/1.1
Computer processor	MEDIATEK i350 (MT8365) ARM Cortex-A53 Quad Core 2.0 GHz
Computer secondary memory	128 GB ROM (eMMC)
Display luminance	640-720 nits luminance
Display resolution	1280 x 720 resolution
Display touch	2-point resistive touch
GNSS	GPS/Glonass/Beidou/Galileo/QZSS
LCD module	5.7"
Operating system	Android™ 10
RAM memory	3 GB LPDDR4
Security	ARM® TrustZone® (Built-in) Security
Sensors	Magnetic Accelerometer Gyro Proximity Light
Wireless	IEEE802.11 a/b/g/n/ac
Power consumption	Max 36 W
Power input	12-32 VDC with surge protection
Dimensions	184 x 90 x 23 mm (7.3 x 3.6 x 0.9 in) (WxHxD)
Weight	440 g (0.97 lbs)
CE	Compliant
FCC	Compliant
UKCA	Compliant

Environmental Specification

Environmental standards	MIL-STD-810H MIL-STD-461G
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IP Class (Solid Particle Protection) IP Class 6X

IP Class (Water) IP Class X7