RUGGED HANDHELD DF10

MilDef

Ultimate &

Indestructible

- Powering by Mediatek i350 Processor with Operating System of Android™ 12 to deliver fast productivity and to guarantee smooth multitasking capability

- LED Backlight Function Keys and Stylus pen to increase operation efficiency

- High resolution of 5.7" resistive touch panel to ensure a vivid visual experience

- Hot-swappable battery to extend the durable performance

- Rugged CNC milled aluminum case to withstand the most challenging environments

- Designed with MIL-STD-810H & IP67 compliant

- Upgraded with EMC solution of Optional MIL-STD-461G (Ground Navy and Ground Army) available

CE FC UKCA ✓ WEEE REACH RoHS MIL-STD-461G MIL-STD-810H IP67

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Version: 1.0.8

- Specifications subject to change without notice.
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Items	Descriptions
Operation System	– Android™ 12
Processor	– MEDIATEK i350 (MT8365) – ARM Cortex-A53 Quad Core 2.0 GHz
Graphic	– Built-In Display Controller: Mali-G52 3EEE MC1
Display	– 5.7" (720 x 1280) LCD – Optical Bonding – Resistive Multi-Touch Screen – Brightness[1]: 640 nits **Optional:** – Invisible mode On/Off
Memory	– 3GB LPDDR4 RAM – 128 GB ROM (eMMC)
External Storage	– Micro SD Card Slot (Support SD/SDXC) – Support max. 128GB
Audio	– Built-in Mic – Mono Speaker
Camera	– Front camera 5MP x 1 (FF Type, f: 60cm) – Rear camera 13MP x 1 (FF Type, f: 40cm)
Sensor	– Magnetic – Accelerometer – Gyro – Proximity – Light
Buttons/ Function Keys	– Power – Volume Up/ Down – Back/ Home/ Menu
LED Indicators	– Charging/Fully charged (Orange/ Off)
Security	– Built-in Security: ARM® TrustZone®
Case	– CNC milled Aluminum
Stylus Pen	– Available
Color	– Black
Environmental Specifications	– Operating Temperature: -20°C ~ +60°C – Storage Temperature: -40°C ~ +70°C
Dimensions[2]	– 184 x 90 x 23 mm
Weight[2]	– Approximately 440g

Power

Main Battery[3]	– Battery Pack BDFA1A: – Li-Ion 3.6V/3750mAh

Input Power	– PD Charging via Type-C
	  – 7.5W~27W, 100~240VAC, 50/60Hz
	  – Support BC1.2 (5V/1.5A)/ PD (9V/3A)

Wireless & Communications

WLAN/Bluetooth®/ GNSS	– Built-in Module: MTK6631
	  – IEEE 802.11 a/b/g/n/ac
	  – Bluetooth® 5.2
	  – GPS/Glonass/Beidou/Galileo/QZSS

I/O Interfaces

Bottom	– USB2.0 OTG Type C (Support for PD charging)
	Optional:
	– Fischer I/O[4]
	  – USB2.0 Host
	  – MLAN (10/100 PHY)
	  – RS232 (USB to COM)
	  – VGA
	  – Audio

Rear	– Battery slot x 1 – Micro SD Card Slot[5] x 1

Accessories

Battery Pack	– Ultra Battery Pack BDFA1B: – Li-Ion 3.6V/10,000mAh
AC Adapter	– Rugged 60W USB-C AC Adapter – 60W, 100V-240V 50/60Hz
Protection Film	– Available

Certifications

Certifications	– CE/FCC/UKCA/RCM – WEEE – REACH – RoHS – IP67 (without I/O caps) – MIL-STD-810H (1.2m drop test) – MIL-STD-461G (Ground Navy)[6] – MIL-STD-461G (Ground Army)[6]

[1]Varies from display configurations.
[2]Varies from configurations and optional accessories
[3]Hot-swappable.

[4]Choose one I/O only.
[5]Support SD/SDXC for up to 128GB.
[6]Contact your sales representative for more details.