TE580 PD
Robust Hybrid POC/ DMR Handheld

BroadNet
any distance - anywhere

Smart Secure Design

Overcome network congestion at high crowd density events with its integrated POC + DMR solution

Compact and Powerful

- Narrowband direct mode
- Broadband converged
- IP67 and MIL810G
- Compact design

Dedicated BroadNet software designed for this device

Telo Systems

466.750

466.750 MHz

TELO PTT TE580PD

CORE PLATFORM/HARDWARE

Processor	MTK6739
Operating System	Android 8.1
Memory	1GB RAM
	8GB ROM
	Storage is expandable with external 128GB microSD card
Display	3.1" LCD anti-glare touch-screen with Gorilla Glass
Camera	Rear 8MP auto focus camera with flash
	Front 2MP
Speaker	36mm, 2.0W
SIM	Single Micro-SIM card
Buttons	Power button
	PTT key
	Volume up/down key
	Menu/back/home
	Mute/SOS
	DMR rotary knob
Battery	Li-Po 3600 mAh, removable
USB	Micro USB 2.0

PHYSICAL

Dimensions (H x W x D)	119.5 x 61.5 x 23.5mm (not including antenna)
Weight	210g
Protection Rating	IP67
Working Temperature	-20ºC to +60ºC
Storage Temperature	-30ºC to +70ºC

CONNECTIVITY

Frequency Band (Global)	GSM: B2, B3, B5, B8
	WCDMA: B1, B2, B5, B8
	TD-SCDMA: B34, B39
	FDD-LTE: B1, B3, B7, B8, B20, B28A, B28B
	TDD-LTE: B38, B39, B40, B41
Frequency Band (American)	GSM: B2, B5
	WCDMA: B1, B2, B4, B5, B19
	FDD-LTE: B1, B2, B4, B5, B7, B12, B13, B17, B19, B28A, B28B
Bluetooth	Bluetooth 4.0 with BLE
WiFi	IEEE 802.11 a/b/g/n
Location	GPS, AGPS, GLONASS

INTERFACE

Sensor	G-Sensor
	Proximity sensor
	Light sensor
	E-Compass

DMR

Frequency Range	UHF 400-470MHz
Transmitting Power	0.5W / 2W
Channel Spacing	12.5kHz (digital)
Frequency Stability	$+/-$ 0.5ppm
Antenna Impedance	500 ohms
Sensivity	0.22 mV (typical)

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