



Smart LTE Handheld

TE850

**CONNECT INSTANTLY
TALK BRILLIANTLY**



Android 16
with GMS



5.45" HD+ Display
Wet & Glove Touch



IP68 & MIL-810G



eSIM Supported



Slim and Ergonomic
Design



3W Built-in Speaker
Dual-Mic with Noise Cancellation

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GENERAL SPECIFICATIONS

TE850



PHYSICAL CHARACTERISITICS

Dimension	160*75*15mm
Weight	268g

ENVIRONMENTAL

Dust and Water Intrusion	IP68
Drop Test	1.5m
Working Temperature	-20℃ to + 60℃ (-4°F to 140°F)
Storage Temperature	-40℃ to + 70℃ (-40°F to 158°F)
Humidity	0~95% RH

INTERACTION & DISPLAY

Display	Diagonal dimension:5.45"
	Resolution:720*1440
	Touch Panel:5 points multi-touch, support wet finger, glove operation
Buttons and keyboards	Rugged:CORNING GORILLA GLASS 5
	Top:Emergency Button/ Channel toggle Switch
	Left:Power Button/ PTT Button/ Volume+/ Volume- Button
	Right:Finger print/ Customizable Button
	Front:Android On-Screen Navigation Keys (including Back Key, Home Key, and Menu Key)

HARDWARE

Processor	Octa-core, 4x Arm Cortex-A73 up to 2.8GHz; 4x Arm Cortex-A53 up to 1.9GHz
Memory	6G(RAM)+128G(ROM)
Camera	Front: 8MP Default(16M optional); Rear:50MP ,PDAF, with flashlight
Graphic	JPEG, PNG, BMP

SD Card	Max 2TB
Battery	19.64Wh, 5100mAh, Li-Polymer, Removable
Sensor Platform	Gravity Sensor, Light Sensor, Proximity Sensor, Gyroscope, Geomagnetic
Fingerprint	Support

CONNECTIVITY

Cellular Network	GSM: 2/3/5/8
	WCDMA: 1/2/4/5/8
	LTE TDD: 34/38/39/40/41
	LTE FDD: 1/2/3/4/5/7/8/12/13/14/17/18/ 19/20/25/26/28A/28B/66
VoLTE & ViLTE & VoWiFi	Support
WiFi	5GHz & 2.4GHz, IEEE 802.11 a/b/g/n/ac, WIFI 5.0
Bluetooth	5.1 BLE
Location	GPS/A-GPS/GLONASS/Galileo/Beidou
NFC	Support

INTERFACE

Card Slot	Nano-SIM Card Slot * 2 Micro-SD Card Slot * 1 (Two out of three)
ESIM	Support, ESIM+Nano-SIM+Micro-SD Card
Audio interface	M6 Radio Grade Audio Jack * 1
USB Connector	Type-C USB 2.0 * 1
Desktop Charger Interface	Desktop Charger Interface * 1, 5V2A (Optional 9V2A)

OPERATING SYSTEM

Version	Android 16 with GMS
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AUDIO

Dual Microphone	Dual-Mic with Noise Cancellation
Speaker	3W Built-in Speaker

STANDARD ACCESSORIES

Type-C USB Cable	*1
Travel Charger	*1
Battery	*1
Quick Start Guide	*1

OPTIONAL ACCESSORIES

Desktop Charger	
Multi-unit Charger	
Remote Speaker Microphone	
PTT Earphone	
Airtube PTT Earphone	

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