



# GT78-V8

## 8" Rugged Android™ Handheld Device



MEDIA/TEK

### Features

- 8" TFT color LCD 1280 x 800 WXGA resolution with P-cap Multi-Touch
- Embedded 1D/2D barcode imager and 5MP front camera and 13MP AF rear camera with flashlight
- Field replaceable battery with optimized battery life up to 8 hours
- High mobility with multiple-connectivity including WLAN, BT and WWAN
- MIL-STD-810G compliant, 1.2m (4ft.) drop resistance
- Fully rugged IP65 enclosure to protect from dust and water

### System

CPU	Quad Core ARM Cortex-A53 1.3GHz
OS	Android™ 7.0
Memory	3GB LPDDR2
Flash	16 GB eMMC (32 GB option)

### LCD Display

Size/Type	8" TFT LCD
Resolution	1280 x 800
Brightness	400 nits
Touch Screen	5-point capacitive touch (PCT)

### Peripherals and Devices

Camera	Front: 5M Rear: 13M AF with Flashlight
Sensor	Magnetometer (M-Sensor/E-Compass) Accelerometer (G-sensor) Gyroscope Ambient light sensor Barometer
Barcode Scanner	2D barcode reader (N6603), w/ physical trigger button
Audio & Vibrator	1 x built-in microphone 1 x built-in speaker (1.5W) 1 x vibrator

### Wireless

WLAN	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.1 (BLE, HS compliant)
WWAN	2G GSM/GPRS/EDGE (Band 850 / 900 / 1800 / 1900)
(ME909s-120)	3G WCDMA (Band 1,2,5,8)
Optional 1	LTE (Band 1,2,3,4,5,7,8,20)
WWAN	(NL-SWLTE-
(S7588-Verizon)	3G WCDMA (Band 2,5)
Optional 2	LTE (Band 2,4,5,12,13,17)
Navigation	GPS/Glonass GPS/Beidou (Option)
NFC	ISO 15693 ; ISO 14443A ; ISO 14443B, B' ; ISO 18000-3 ; NFC Forum Type1-4 Tag ; Kovio

### I/O Interface

USB Port	1 x micro USB 2.0 port High Speed / OTG Compatible
SD Slot	1 x microSD card slot (max 64G)
SIM Socket	1 x micro-SIM (3FF) socket supporting 2G/3G/LTE
Pogo pin	Extra power pins for vehicle bracket ; 5V/2A*

### Power Supply

Battery Type	Lithium-ion rechargeable battery, field replaceable.
Battery Capacity	Typical 3.7V, 6200mAh

### Adapter

Adapter Input	AC 100~240V 50~60 Hz
Adapter Output	9V/2A , 5V/2A

### Mechanical

Dimensions (W x H x D)	220 x 147 x 20.9 mm
Weight	550g (1.22lb) (with battery)
Ingress Protection	IP65, 1.2m drop

### Environment

Operating Temp.	-10°C ~ 55°C (14°F ~ 131°F)
Storage Temp.	-20°C ~ 65°C (-4°F ~ 149°F)
Operating Humidity	5% ~ 95% RH

### Key

Power	Yes
Volume	Yes
Barcode trigger	Yes

\* For USB charging, the GT78-V8 can use 9V/2A and 5V/2A USB charger adapter. For pogo pin, the charge voltage is 5V/2A only.

## Dimensions



Part Name	Description
7400780014121M	8" Rugged Tablet, LTE with 2D BCR
7400780014131M	8" Rugged Tablet, LTE / without BCR
7400780014141M	8" Rugged Tablet, WiFi with 2D BCR
7400780014151M	8" Rugged Tablet, WiFi / without BCR

## Packing Information

Item	Description	Q'ty
Rechargeable Li-ion battery pack	Typical 3.8V, 6200mAh	1
USB Cable	1m	1



## Optional Accessory List

Part Name	Description
6900078000000M	V-Dock with Cigarette Lighter Power Adapter
5490208410000M	Battery Adapter

