

TC21/TC26 Specifications

Physical Characteristics	
Dimensions	With standard battery: 6.22 in. L x 3.11 in. W x .054 in. D 158 mm L x 79 mm W x 13.7 mm D With extended battery: 6.22 in. L x 3.11 in. W x .068 in. D 158 mm L x 79 mm W x 17.3 mm D
Weight	8.32 oz./236 g with standard battery
Display	5.0 in. color HD (1280 x 720); LED backlight; Corning® Gorilla® Glass
Imager Window	Corning® Gorilla® Glass
Touch Panel	Capacitive Touch Panel; multi-touch
Power	Removable/serviceable rechargeable Li-Ion Standard Capacity 3100 mAh Enhanced Capacity 5400 mAh Charge in under 4 hours (10 hours = 1 shift)
Expansion Slot	One 128 GB micro SD slot
SIM	1 Nano SIM slot; optional eSIM (TC26 only)
Network Connections	1 USB 2.0 OTG - host/client; Type C connector
Notifications	Audible tone; multi-color LEDs; vibration
Keypad	On-screen keypad
Audio	Speaker - 1 Watt (94dBA) Voice support (Internal speaker/microphone) Two (2) microphones
Buttons	Scan on each side; volume up/down; power; push-to-talk (PTT) keys
Performance Characteristics	
CPU	Qualcomm Snapdragon™ 660 octa-core, 1.8 GHz
Operating System	Android 10 with built in support for a future Android release
Memory	4 GB RAM/64 GB Flash memory; 3 GB RAM/32 GB Flash memory; 2 GB RAM/16 GB Flash memory (not available in all markets)
Security	Verified boot, secure boot
User Environment	
Operating Temp.	14°F to 122°F / -10°C to 50°C
Storage Temp.	-30°F to 158°F / -30°C to 70°C
Humidity	5% - 95% non condensing
Drop Spec.	4 ft./1.2 m drop to concrete per MIL-STD 810G across operating temperature
Tumble Spec.	300 tumbles, 1.6 ft./0.5 m
Sealing	IP67
Vibration	4g peak; 5Hz to 2kHz; 1 hour duration per axis
Thermal Shock	-40°C to 70°C rapid transition 10 cycles: (1 cycle = 1.25 hours at -40°C and 1.25 hours at 70°C)
Electrostatic Discharge (ESD)	+/-15 kV air discharge, +/-8 kV direct discharge; +/-8 kV indirect discharge
Interactive Sensor Technology (IST)	
Light Sensor	Automatically adjusts display backlight brightness
Motion Sensor	3-axis accelerometer with MEMS Gyro
Proximity Sensor	Automatically detects when the user places the handset against head during a phone call to disable display output and touch input.

Data Capture	
Scanning	SE4100 1D/2D imager SE4710 1D/2D imager
Camera	Rear camera 13 MP; optional front camera 5 MP
NFC	Integrated; High RF output power; MIFARE, ISO 14443 A&B , FeliCa , ISO 15693 and NFC Forum supported cards; read range up to 50 mm
Wireless WAN Data & Voice Communications	
Radio Frequency Band (TC26 only)	<p>TC26 North America</p> <ul style="list-style-type: none"> UMTS: B2/B4/B5 LTE: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B66 LTE: Category 6 <p>TC26 Rest of World</p> <ul style="list-style-type: none"> GSM: 850/900/1800/1900 UMTS: B1/B2/B3/B4/B5/B8/B9/B19 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B19/B20/B28 LTE-TDD: B38//B40/B41 LTE: Category 6 <p>TC26 China</p> <ul style="list-style-type: none"> GSM: 850/900/1800 UMTS: B1/B5/B8 LTE-FDD: B1/B3/B5/B7/B8 LTE - TDD: B38/B39/B40/B41 LTE: Category 6
Voice Communications	<p>Optional Push-to-Talk (PTT) Express® Mobility DNA software application for instant PTT walkie-talkie style calls inside the four walls.</p> <p>Optional Workforce Connect Push-to-Talk (PTT) Pro® Mobility DNA easy-to-deploy, cost-effective subscription-based software application that provides instant PTT walkie-talkie style calls inside and outside the four walls via an easy-to-deploy subscription service.</p> <p>Optional Workforce Connect Voice* to turn TC21/TC26 devices into fully-featured PBX handsets with a custom interface that makes it easy to execute even the most complex telephony features — eliminating the need to purchase and manage additional voice-enabled devices.</p>
GPS	GPS with A-GPS: Glonass; BeiDou; Galileo
Wireless LAN	
WLAN Radio	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k; Wi-Fi™ certified; IPv4, IPv6, 1x1 MU-MIMO
Data Rates	2.4 GHz: 802.11b/g/n — 20MHz, 40MHz — up to 150 Mbps 5 GHz: 802.11a/g/n/ac — 20MHz, 40MHz, 80MHz — up to 433 Mbp
Operating Channels	<p>Channel 1-13 (2412-2472 MHz): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13</p> <p>Channel 36-165 (5180-5825MHz): 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 149, 153, 157, 161, 165</p> <p>Channel Bandwidth: 20, 40, 80 MHz</p> <p>Actual operating channels/frequencies and bandwidths depend on regulatory rules and certification agency</p>
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP and AES); WPA/WPA2 Enterprise (TKIP and AES) — EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP and EAP-PWD

Markets and Applications

Inside the four walls

- Retail
- Hospitality
- Light warehouse
- Manufacturing

Outside the four walls

- Field service
- Direct Store Delivery (DSD)
- Postal
- Courier
- Route accounting

Continued on page 4