



TLK 100 TWO-WAY RADIO

**RAPID RELIABLE DEPLOYMENT.
NATIONWIDE USE.**



GENERAL SPECIFICATIONS

Network	4G LTE
Channel Capacity	8 Channels (expandable to 96)
Contact List	300 contacts
Dimensions (H x W x L)	Without Antenna: 5.17 x 2.31 x 0.87 in (131.3 x 58.6 x 22.15 mm) With Antenna: 6.65 x 2.31 x 0.87 in (168.9 x 58.6 x 22.15 mm)
Weight with Battery	5.86 oz (166g)
Battery Capacity	3.7V (Nominal) 2300 mAh with PMNN4468A
Battery (Li-Ion (2300 mAh) Battery) Operating Hours 5:5:90 Duty Cycle*	18 Hours
Voice Codec	OPUS
Bluetooth	V4.2, BLE
GPS	GNSS / A-GNSS (GPS, GLONASS, Galileo, BeiDou)
Wi-Fi	802.11 a/b/g/n 2.4/5.0 GHz
SIM CARD	Embedded MFF2 UICC
IP Rating	IP54 IEC60529
Apps Supported	Powered by WAVE
Encryption	AES-256

*Battery life may vary depending on use and conditions.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature*	-4°F/+140°F / 14°F/+140°F with battery
Storage Temperature	-40°F / +185°F
Thermal Shock	Per MIL-STD
Humidity	Per MIL-STD
ESD	IEC 61000-4-2 Level 4
Dust and Water Intrusion	IEC60529 - IP54 Cat 2
Packaging Test	Per MIL-STD

*Radio only. Operating temperature specification for a Li-Ion battery is -4°F/+140°F.

APPLICABLE U.S. MILITARY SPEC RATINGS

MIL 810G STANDARD*	METHOD	PROCEDURES
Low Pressure	500.5	I, II
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Temperature Shock	503.5	I, II
Solar Radiation	505.5	I-C
Rain Blowing	506.5	I
Dust Blowing	510.5	I
Immersion	512.5	I
Vibration	514.6	I
Shock	516.6	I,IV

*Also meets equivalent MIL-STD-810-C, -D, -E and -F.



