

4G LTE / DMR Mobile Radio

TOKIE not only ensures you the best network access but also protects and future-proofs your communications investment with unmatched network-related benefits.

- Vehicle Mounted Mobile Radio
- Push-to-talk over WIFI, 2G, 3G, 4G LTE and DMR
- Front facing camera
- Connect to any IP dashcam
- 4 programmable keys
- Supports handheld microphone with aviation head interface



TK3100

Size: 190 x 93 x 66 (mm)

TOKIE



Feature	Description
Operating System	TOKIE customize Android 8.1 Oreo
Hardware Platform	MTK6739M Arm Cortex-A53 @ 1.5GHz 64bit
Network Type	Support 2G, 3G(WCDMA, TD-SCDMA, C2K), 4G(FDD LTE/TDD LTE)
RAM	2GB RAM + 16GB ROM
Display	TFT 5.5" IPS, 1280 x 720
GPS	GPS, GLONASS & AGPS, dual-mode positioning
WiFi	802.11 a/b/g/n, dual-band
Bluetooth	BT4.0 and BT2.1 + EDR
Sensor	G-Sensor, Compass and Gyroscope
USB Interface	DB9
SIM Card	NANO single card
Ceiling Antenna	For 2G, 3G, 4G, BNC interface
Speaker	φ50mm 4Ω 5W
Microphone	Dual mic, DMR POC Use microphone independently
Front Camera	2 million pixels camera
Video Quality	Support 720P video recording
Indicator LED	Single 3-colors LED
Handheld-Mic Interface	Aviation head interface
Working Environment	Temperature -20 °C - 80 °C, humidity 20% - 90%
Weight	600g
Power	12V
Size	190mm x 93mm x 66mm

Feature	Description
Frequency Range	VHF 136 ~ 174 MHz / UHF 400 ~ 480 MHz
Frequency Stability	± 0.5ppm
Number of Channels	16 (Analog/Digital)
Channel Spacing	12.5KHZ / 25KHZ (Analog), 12.5KHZ (Digital)
Vocoder	AMBE3000, WT3000, AMBE1000, SELP, AVDS
MIL-STD	MIL-STD 810D and E
Audio Distortion	Less than 10%
Audio Power	4 Watt
DMR	TIER 1 & TIER 2
Transmitting Power	Low: 0.5W, High: 2W
Antenna Impedance	50Ω
Sensitivity	0.22 mV (Typical)
DMR antenna Type	External glue rod antenna
Support	Direct Mode, TDMA, Frequency Scanning, DTMF(Analog), CTCSS/CDCSS

ACCESSORIES



PTT Button

Useful for drivers as it can stick to the steering wheel or hang from your wrist. Paired over BLE without the need to change the battery frequently.

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