

FW-210

FULL DISPLAY HANDHELD RADIO

Reliable coverage

Ultra Slim Design

Long Range 5G POC Radio • Group & Single Call • Ultra-thin Design • GPS (Optional)

KEY BENEFITS

Nationwide / Wide-Area Coverage

Operates over 5G networks to overcome the short-range limits of conventional two-way radios. Idea for teams spread across cities, regions or multiple sites.

Instant, Flexible Communication

Dedicated PTT (Push-to-talk) button with support for:

- Group Calls
- One-to-one (Single Calls)
- Emergency Calls

Ultra-Thin. Professional Design

Slim and lightweight housing makes the FW-210 comfortable on the belt, in a pocket, or in the hand during extended shifts.

Configurable Side Keys & Optional GPS

Programmable side keys can be customized for quick access to key functions. Options GPS positioning (depending on configuration) supports location-based dispatching and safety workflows.

TYPICAL APPLICATIONS

- Field operations and maintenance teams
- Security and patrol services
- Logistics and fleet coordination
- Event and venue management
- Construction, hospitality, retail and more

The FW-210 fits wherever fast, coordinated voice



Field Operations • Security & Patrol • Logistics • Fleets • Event Management



SPECIFICATIONS

KEY FEATURES

Network support	5G network radio (suitable for all kinds of networks, depending on operator support)
Call types	Group call, single call, friendly call, emergency call
PTT / side keys	Dedicated PTT button, side key assignment (programmable side keys)
Operating system	RTOS (Real-Time Operating System)
GPS	GPS positioning (optional, depending on configuration)
Design	Ultra-thin, handheld 5G POC (push-to-talk over cellular) radio

GENERAL

Dimensions (H × W × D)	119 mm × 57 mm × 26 mm
Weight (including battery)	≈ 134 g (without antenna)
Working temperature	-30 °C ~ +75 °C
Operating voltage	DC 3.3 V – 4.2 V (recommended 3.8 V)
Working current (peak)	≈ 0.6 A
Average current	≈ 540 mA @ UMTS2100; ≈ 239 mA @ GSM900
Stand-by current	≈ 5 mA @ UMTS; ≈ 5 mA @ GSM
Battery capacity	1500 mAh
Charger mode	USB Type-C
Maximum power consumption	≈ 2.2 μW

FREQUENCY & RF

LTE frequency bands	FDD: B2 / B3 / B4 / B5 / B7 / B8 / B28 / B66
TX power	LTE: +22 dBm (3GPP TS 36.101 R9 Class 3)
RX sensitivity	LTE: +22 dBm (3GPP TS 36.101 R9 Class 3)

All information is based on the provided product description and may be subject to change by the manufacturer without prior notice. Actual network compatibility and features such as GPS and call services depend on the selected configuration and local mobile operators.

WHY CHOOSE FW-210?

- Replaced or complements traditional two-way radios with far greater coverage
- Reduces the need for private repeaters or ISED licensing
- Improved coordination and response times for dispersed teams



FREEWAYPTT
Communications: Made Easy®

 **LET'S TALK**



TELEPHONE
1 800 737 0674



EMAIL ADDRESS
hello@freewayptt.com