



Z-SCAN MINI
· HANDHELD RECEIVER

PHYSICAL	
Form Factor	Handheld, portable receiver plug-and-play, no permanent install
Materials	MJF plastic enclosure 2 × external antennas (Wi-Fi & LTE/5G)
Dimensions	40mm x 80mm x 30mm (1.5" × 3" × 1.2")
Weight	~75 g (2.6 oz)
Operating Temperature	−20°C to 50°C (−4°F to 122°F)
Origin	Engineered & manufactured in the USA

DETECTION & REMOTE ID	
Detection Method	Passive RF scan of Wi-Fi & Bluetooth Remote ID broadcasts
Protocol	Remote ID (ASTM F3411 / ADS-STAN 4709-002)
Frequencies	2.4 GHz & 5 GHz Wi-Fi Bluetooth 4 + 5 (LE)
Detection Range	WiFi: 4+ miles (≈ 6.5 km)
Drone Coverage	All Remote ID-compliant drones WiFi + Bluetooth
Max Targets	Multiple simultaneous
Update Rate	Real-time · live telemetry

CONNECTIVITY	
Companion App	Z-SCAN Web App Geofence + Text Alerts
Pairing	LTE / 5G
Repeater	Rebroadcasts WiFi Remote ID into Detection Mobile Apps For iPhone Compatibility

POWER	
Battery	Rechargeable Li-Po w/ BMS 450 mAH
Charging	USB-C Charging or Always-On

DEPLOYMENT	
Setup	Plug-and-play · ready in seconds
Installation	Belt Clip, Lanyard, Wrist Strap
Users	Law enforcement & public safety

LIVE TELEMETRY · DISPLAYED IN REAL TIME				
Drone ID	Location	Altitude	Velocity	Timestamp
IDENTIFY	LIVE POSITION	HEIGHT AGL	SPEED	LOGGED

KEY ADVANTAGES

Instant Threat Assessment Scans Wi-Fi and Bluetooth Remote ID broadcasts to instantly identify compliant drones or flag unauthorized activity.	Real-Time Mobile App Pairs seamlessly with your mobile device to display critical data: drone ID, location, altitude, velocity, and timestamps.
Command Center Integration Easily share live tracking data with a central monitoring hub to ensure coordinated, multi-team responses.	Field-Ready Portability Handheld, plug-and-play design, ready to go in seconds, with no permanent installation required.