

Detect drones. Know what's overhead.

Z-SCAN MINI is a portable receiver that detects and identifies nearby drones broadcasting Remote ID, then streams every detection to your dashboard in real time over cellular — no local network required.



Z-SCAN MINI MODULE

RANGE	BATTERY	LINK
Up to 5 mi*	6+ hours	LTE / 5G

WHAT'S IN THE BOX

- 01 Z-SCAN MINI module with two antennas
- 02 USB-C charging cable
- 03 Tripod mount
- 04 3M Dual Lock mounting strip
- 05 Quick start guide

BEFORE YOU START

Create your account at minizingdrones.com. Once signed up, click the button at the top right of the portal and select **Register Z-SCAN MINI**. Your serial number is printed on the back of the module. An active subscription is required for live streaming and the cloud dashboard.

SETUP IN FOUR STEPS

1

Charge

Connect the USB-C cable to any 5V source. Charge fully before first use. Left on USB-C power, the unit can run 24/7 for always-on detection.

2

Place

Pick a flat surface with clear sky above and the antennas upright. Avoid indoors and large structures that block signal.

3

Power on

Push the red switch inward, toward the middle of the device. Push it outward to power off when not in use.

4

Watch the map

Sign in at minizingdrones.com. Detections appear on the live map within seconds of the LED turning green.

STATUS LIGHT



Yellow, blinking

Searching for cellular signal. Move to an area with better coverage if it persists.



Green, solid

Online and scanning. The unit is connected and monitoring for Remote ID broadcasts.



Blue, blinking

Remote ID detected. A drone is broadcasting nearby and has been sent to the cloud.

USING THE DASHBOARD

Sign in at minizingdrones.com from any browser. **Live view** shows the number of drones detected, a list of each aircraft, and drone and pilot locations updating in real time. Switch to **Debrief view** to replay history: click a drone to see its flight trail, sort old to new, and play back at variable speed.

MAP CONTROLS

Full screen	F11
Zoom	Scroll
Move	Click + drag
3D mode	Ctrl + click + drag
Software update	Ctrl + Shift + R

SPECIFICATIONS

Detection	Remote ID, up to 5 mi line-of-sight
Protocols	Bluetooth 4 Legacy, Bluetooth 5 Long Range, Wi-Fi
Power	USB-C, 5V DC max, 0.4 A max
Operating temp.	−5 °C to +50 °C

SAFETY

Power the device off when not in use. Do not expose it to water, high temperatures, or fire. Clean only with a dry cloth. Do not open the enclosure. Zing is not liable for damages arising from use or misuse of this product.

TROUBLESHOOTING

Light stays yellow. No cellular signal yet. Move outdoors or to higher ground; allow up to two minutes on first power-up.

No detections shown. Confirm the light is green, the antennas are upright, and no large structure sits between you and the airspace you are watching.

Unit will not power on. Charge for 30 minutes with a known-good 5V USB-C source, then push the red switch fully inward.

Dashboard is blank. Refresh the map, then reload with Ctrl + Shift + R. Verify your subscription is active.

Connectivity	LTE / 5G cellular
GNSS	GPS, GLONASS, Galileo, BDS, QZSS
Battery	6+ hours, or continuous on USB-C
Repeater	Rebroadcasts detections to mobile devices

COMPLIANCE

Make: Zing Drone Solutions. Model: Z-SCAN MINI Drone Detection System. Contains FCC ID: X8WWT02C40C. Maximum conducted output power +8.49 dBm; antenna gain +0.91 dBi; maximum EIRP +9.4 dBm.

SUPPORT

info@zingdrones.com

Portal and account signup: minizingdrones.com

