



**SUNON**  
TECHNOLOGY



# ***Wireless Network Monitoring & Analysis Tool***



The Wireless Network Monitoring & Analysis Tool is a compact and efficient solution designed to provide clear visibility into Wi-Fi environments. It enables organizations to monitor network activity, analyze wireless behavior, and maintain a secure and well-managed connectivity space.

Built for reliability and ease of deployment, the system supports both passive and active analysis to deliver accurate insights into surrounding wireless networks. It allows users to identify connected devices, detect irregular network patterns, and maintain awareness of all access points operating within the coverage area.

With its intelligent monitoring capabilities, the system helps teams quickly recognize unauthorized or suspicious network elements, supporting proactive management and minimizing potential disruptions. Its ability to map Wi-Fi environments and build a structured database of detected access points ensures continuous visibility and informed decision-making.

Designed for flexibility, the system is suitable for a wide range of operational environments, from fixed installations to mobile deployments. Its compact form factor and user-friendly operation make it an effective tool for both technical and non-technical personnel.

## Key Functions

- ▶ Identify users and devices by MAC address within a coverage area
- ▶ Detect unauthorized access points, including fake, rogue, and evil-twin Wi-Fi
- ▶ Map Wi-Fi networks and build a database of detected access points and parameters
- ▶ Monitor Wi-Fi activity using passive and active analysis (IEEE 802.11 a/b/g/n/ac)

## Technical Data

Frequency bands	2.4 GHz (2412–2472 MHz) 5 GHz (regional bands supported)
Frequency bands	up to 100 meters

## Typical Use Cases

- ▶ Government and public security facilities
- ▶ Corporate and enterprise network monitoring

The Wireless Network Monitoring & Analysis Tool supports organizations in maintaining network transparency, improving operational awareness, and ensuring a stable and controlled wireless environment.