



#### ABSTRACT

3Net lab introduces a sophisticated Tracker1 family of devices designed to enhance security measures within government facilities and high-risk infrastructures. The integrated device network utilizes a passive mesh topology to ensure robust, scalable security coverage. These devices are equipped with artificial intelligence signal processing capabilities that continuously monitor and analyze movements throughout the premises. By leveraging advanced algorithms, the system effectively identifies potential security threats or breaches. Upon detection, it autonomously reports suspicious incidents to both the designated facility users and law enforcement agencies, thereby facilitating rapid response and mitigative actions. This approach not only increases the resilience of critical infrastructures against unauthorized access but also integrates seamlessly with existing security protocols to augment overall safety measures.

#### 3NET LABS

\*These are preproduction specs of the base model in each family and could possibly change should additional constraints and options added to the device.

## 3NET LABS

### **Tracker1 Lite**

Lite – Compact and Flexible Security

- **Image:** A sleek, portable device that fits in the palm of a hand.

#### Description:

*Tracker1 Lite represents the most compact and lightweight model within our security device family, with a mass just under 500 grams. Enhanced by an optional solar kit, this device can achieve virtually unlimited battery life, provided it is positioned in areas with sufficient sunlight. Engineered for versatility, Tracker1 Lite is ideally suited for external perimeter security applications when integrated within a Tracker1 Max network or scenarios demanding high mobility. Its ultra-portable design makes it an excellent choice for on foot mobile security teams or for integration with unmanned aerial vehicles (UAVs) for reconnaissance purposes. This adaptability ensures that Tracker1 Lite can seamlessly support a wide range of security operations, enhancing overall situational awareness and response capabilities.*

#### Specification:\*

Price:	\$600 USD
Mass:	>500gr
Size:	~ 15cm X 10cm X 5cm
Device Power:	Battery. 5v USB C, POE
Battery life:	~48hrs, potentially unlimited with Solar add on kit
Monitoring:	1x Omni and 1x Directional
Spectrum:	Please consult with 3NET Labs to determine what is best for you.
Sensors:	GPS, Magnetometer, Accelerometers
Connectivity:	Bluetooth (for mobile monitoring backhaul), RJ45 W/POE (for Fixed internal monitoring), LORA for Tracker1 family integration, and M-LTE (optional)

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## 3NET LABS

### Tracker1 Pro

Pro – Advance Security for Professionals

- **Images:** Two versions depicted side by side, one portable and one fixed.

#### Description:

*The Tracker1 Pro device is a sophisticated member of our security device family, offering comprehensive directional coverage monitoring capabilities. Available in two variants, the Pro device caters to diverse deployment needs: the Tracker1 Fixed Pro is designed for indoor use where battery backup is not required, while the Tracker1 Mobile Pro features a battery backup system. The latter can also be equipped with solar integration, potentially providing unlimited battery life if placed in sufficiently sunlit areas and comes with ruggedized enclosures to withstand harsh environments. While capable of operating independently, the Pro device achieves optimal performance when networked with other Pro devices within a MAX network. This configuration allows for enhanced coordination and heightened security across the deployment area, making it a robust solution for advanced security setups.*

#### Specification:\*

	Tracker1 Fixed Pro	Tracker1 Mobile Pro
Price:	\$1,000 USD	\$1,500 USD
Mass:	~500gr	~2kg
Size:	~20cm X 20cm X 10cm	~20cm X 20cm X 15cm
Device Power:	5v USB C, POE	5v USB C, POE, Battery
Battery life:	N/A	~48hrs, potentially unlimited with Solar add on kit
Monitoring:	1x Omni and 3x Directional	1x Omni and 3x Directional
Spectrum:	Please consult with 3NET Labs to determine what is best for you.	Please consult with 3NET Labs to determine what is best for you.
Sensors:	GPS, Magnetometer, Accelerometers	GPS, Magnetometer, Accelerometers
Connectivity:	Bluetooth (for mobile monitoring backhaul), RJ45 W/POE (for Fixed internal monitoring), LORA for Tracker1 family integration, and M-LTE (optional)	Bluetooth (for mobile monitoring backhaul), RJ45 W/POE (for Fixed internal monitoring), LORA for Tracker1 family integration, and M-LTE (optional)

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## 3NET LABS

### **Tracker1 Max**

Max – Centralized Security Command

- **Image:** A robust central command center overlooking a mapped area.

#### Description:

*The Tracker1 Max device is the most substantial offering in our security device family, available in both a rackmount fixed version and a mobile version to suit various deployment contexts like forward operating bases. Serving as the central command unit, the Tracker1 Max device orchestrates the network connectivity among all devices within the Tracker1 family. It integrates the individual data feeds from these devices, enabling the embedded AI to effectively monitor expansive geographical areas. This centralization of data enhances the AI's ability to analyze and respond to security situations efficiently, making the Max device pivotal for maintaining oversight and control over large-scale security deployments.*

#### Specification:\*

	Tracker1 Fixed Max	Tracker1 Mobile Max
Price:	\$2,500 USD	\$3,500 USD
Mass:	NA	~10kg
Size:	Rackmount/Tower	~65cm X 35cm X 35cm
Device Power:	AC	AC, Battery
Battery life:	N/A	~48hrs, potentially unlimited with Solar add on kit
Monitoring:	3x Omni and 9x Directional	3x Omni and 9x Directional
Spectrum:	Please consult with 3NET Labs to determine what is best for you.	Please consult with 3NET Labs to determine what is best for you.
Sensors:	GPS, Magnetometer, Accelerometers	GPS, Magnetometer, Accelerometers
Connectivity:	SFP+, LORA for Tracker1 family integration	LORA for Tracker1 family integration, M-LTE (optional), and 3 <sup>rd</sup> party satellite vendors (optional)

**Pricing \$ USD \$2999 USD plus monthly support plan.**

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