

MINI HUB

Smart Handheld Mini Hub for Tactical Operation Units

MINI HUB is a compact surveillance solution designed for tactical units, compatible with multiple LoRa NODEs and SENSEs, and capable of operating independently of Satellite or GSM Network. Utilizing Edge AI, it filters data on-device for relevant event transmission. With a user-friendly screen providing real-time visual information, MINI HUB facilitates efficient operations. Lightweight and durable, it withstands extreme conditions, enabling quick action against threats for safe environments.



TECHNICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS	PARAMETERS	SPECIFICATIONS
Weight ¹	350 g	User Interfaces	On Device Screen
Dimension	65x115x30 mm	Wake-up Method	Triggered by NODEs and SENSEs
Power Source	2 x Li-ion 18650 Rechargeable Batteries (Internal)	Coverage ³	NODE to MINI HUB via LoRa (~1 km) SENSE to MINI HUB via LoRa (~3 km)
Operation Time ²	30 days	Ingress Protection Class	IP67
Operating Temperature	-20 to +50 °C	Data Encryption	AES - 256

¹ May vary depending on configuration. ² Operation time depends on battery capacity and number. ³ Coverage area varies according to the Line of Sight.

Use Cases

Border Security, Immigration Control, Wildlife Monitoring

Edge AI

MINI HUB utilizes advanced Edge AI technology for efficient on-device data processing, enhancing surveillance capabilities by filtering and analyzing relevant information autonomously.

On Device Screen

MINI HUB features a built-in screen providing real-time visual feedback, facilitating user interaction, and enhancing operational efficiency in surveillance activities.

Satellite Connectivity

With integrated satellite connectivity, MINI HUB ensures reliable data transmission in remote or disconnected areas, enabling continuous surveillance operations without dependency on traditional networks.

