

# NODE

Smart Camera for Intelligence, Surveillance and Reconnaissance (ISR)



NODE is a compact surveillance camera designed for use with HUB or MINI HUB, enabling large area coverage within a 3 km radius. Its portability aids remote or stealth operations, ensuring reliable monitoring. NODEs autonomously capture and analyze images at the edge upon motion and sound detection, transferring them to HUB or MINI HUB via LoRa technology without reliance on Satellite or GSM Network.

## TECHNICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS	PARAMETERS	SPECIFICATIONS
Weight <sup>1</sup>	550 g	Data Encryption	AES - 256
Dimensions	91x79x70 mm	Data Transmission <sup>3</sup>	LoRa
Power Source	4 x Li-ion 18650 Rechargeable Built-in Batteries (Internal)	Image Analysis	Detection on the Edge Device with AI (Person, Animal, Vehicle etc.)
Operation Time <sup>2</sup>	360 days	Coverage <sup>4</sup>	Up to 3 km radius
Operating Temperature	-30 to +60 °C	Wake-up Range	30 m
Ingress Protection Class	IP67	Wake-up Method	Motion & Acoustic Sensors

<sup>1</sup>May vary depending on configuration. <sup>2</sup> Operation time depends on detection and transmission count.  
<sup>3</sup> Must be used with HUB or MINI HUB. <sup>4</sup> Coverage area varies according to the Line of Sight.