

A Tailor Made Solution

A dependable, cost-effective and easy-to-use Local Intelligence Device (LID), designed in consultation with metering and environmental monitoring specialists. LIDScout's flexibility and feedback provides in-field confidence in your logging and telemetry operations.

At Ninox, we listen.



Life-cycle Cost Minimisation

- Affordable capital outlay, life-cycle and maintenance costs
- Streamlined online ordering with optional preconfiguration from factory
- Simplified and reduced effort installations
- Reduced risks of back-to-base issues



Leave Site with Confidence

- Factory tested
- On-board display gives insights to attached device, LTE and endpoint connection.
- On-board web app via Wi-Fi or USB for configuration, commissioning and monitoring
- Field replaceable Smart Battery pack



Quick & Easy Installation

- Neat and self-contained with no cable mess
- Integrated and versatile mounting bracket
- No special tools or extra cabinets required
- Flexible locking and tamper sealing options
- Industry standard connectors



Reliable Data, Where You Need It

- Pulse and Modbus inputs with preloaded configurations for many meters and sensors
- Integrated GPS
- Ninox Soft SIM with global, network agnostic coverage
- Connections to FeatheredSky™, AWS, Azure, Eagle.IO and other cloud platforms

Applications

Water Metering

The LIDScout has been designed to meet the strict security requirements of the non-urban water metering markets and is perfectly suited to Over Land Flow (OLF) or Flood Plain Harvesting (FPH) applications.

Environmental Monitoring

The LIDScout has been designed to simplify and reduce costs for many common environmental monitoring logging and telemetry tasks. Pre-loaded configurations, simplified deployment and in-field feedback help to ensure your data is reliable from day one.

Industrial use

Looking for a low cost, reliable way to transmit your site data? LIDScout is ready to go. The on-board configuration tool allows the user to set their measurement parameters and transmit to their existing end point.

Technical Specifications

COUNTRY OF ORIGIN	• Designed and Made in Australia
ENVIRONMENTAL	• Operating Temp -10°C to +75°C • Storage Temp -10°C to +75°C • Ingress Protection IP68
INPUT TYPES	• Modbus over RS485 • Pulse
CONNECTORS	• M12 5 Pin Female External Sensor Connector • Female SMA (LTE)
SENSOR SAMPLING RATE	• Remotely Configurable • Range: 15 min (default) to monthly
DATA PUBLISH RATE	• Remotely Configurable • Range: 15 min to monthly • Default: Once per hour
COMMUNICATIONS	• Protocols: HTTPS, SFTP, FTPS, MQTTS • Firmware-Over-The-Air (FOTA) supported • Platform Agnostic for AWS, Azure and others
RADIOS	• Primary CAT M1 / NB-IoT • GPS • Wi-Fi
GPS & TIME	• GPS accuracy within 30m • Time Syncing occurs every publish interval • On-board Real-Time Clock (RTC)
MEMORY	• Integrated internal FLASH • 2+ Years @ 15min sampling* • 5+ Years @ 1hr sampling* • (Varies with sample data size)
BATTERY	• Type Replaceable Primary Cell • Chemistry LiSoCl2 • Battery Life 5+yr @ 1hr sampling, Daily transmission*
EXTERNAL POWER	• Input voltage 5-24VDC
ANTI-TAMPER	• Locking Ring for 9mm shank padlock & Tamper Tag • Tamper Tag on Batter Door • Internal Electronic Tamper Switch • Cable Cut detection on sensor cable
MATERIALS	• UV Resistant, Weatherable Plastic
REGULATIONS & APPROVALS	• RCM, RoHS

* *Varies depending on application and configuration*

Ninox embraces a policy of continuing improvement in design and performance of its products. While every effort is made to ensure the information given is accurate, specifications are subject to change without notice.

