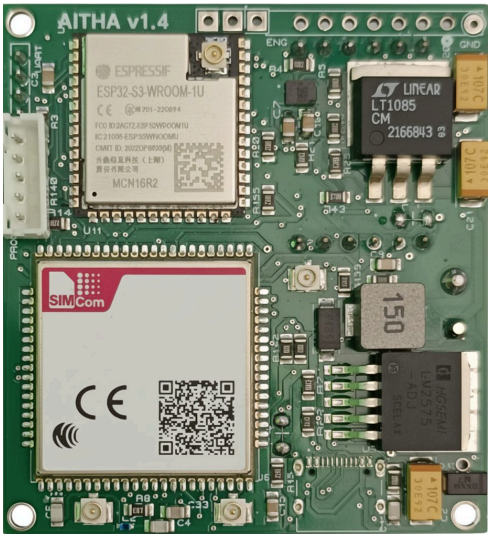
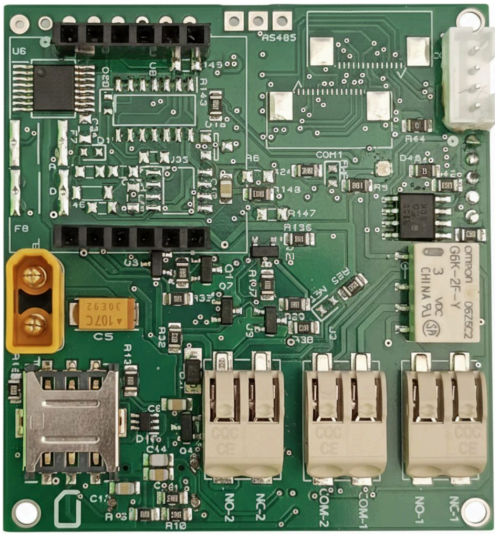
TECHNICAL DATASHEET

AITHA Protection

Security device for exposed assets





Type:	Technical datasheet
Product:	AITHA Protection
System:	AITHANEX
Audience:	Engineering, installation, integration and support
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Product type

Security device for exposed assets.

It operates on a 12 V power supply. It is not designed as a stand-alone battery-powered device.

Role within the system

AITHA Protection monitors assets without permanent presence.

It reports movement, impact or tampering events to AITHANEX or to the customer's backend, for remote tracking, alerts and traceability.

Technical capabilities

Area	Scope
Power supply	12 VDC.
Detection	Movement, knock, impact, vibration or orientation change measurable by accelerometer or IMU depending on configuration.
Positioning	Position reporting when the asset is moving and the deployment requires it.
Communication	Event reporting to AITHANEX or to the customer's backend, depending on the connectivity available.
Local logging	Keeps events when the connection is not available.
Alerts	Generation of operational notices for monitoring and escalation.
Mobile app	Alerts can be shown in the AITHANEX Things mobile app.

Typical applications

- Batteries and high-value equipment.
- Generator sets.
- Equipment exposed to theft, relocation or tampering.

Technical flow

- **Associate**. The device is linked to the protected asset on the platform.
- **Configure**. Rules, alerts, connectivity and tracking policy are defined.
- **Detect**. The device identifies relevant events on the asset.
- **Report**. It publishes events, location or status to AITHANEX or to the customer's backend.
- **Monitor**. AITHANEX Things, or the customer's system, shows notices, status and operational history.

References

- AITHA Protection: https://aitha.es/en/products/aitha/
- AITHANEX: https://aitha.es/en/platform/