



Mobilizing the world's machine data

Skylo provides a secure, reliable, and cost effective platform for large-scale deployment of industrial sensors and satellite connectivity, delivering real-time actionable intelligence to support critical decision making.



Cutting edge technology to connect the Internet of Things.

PRODUCT FEATURES



PRECISE LOCATION

Keep track of your mobile assets with tracking to within 3 meters.



SELF INSTALLATION

Our mobile application enables end users to provision hubs with no professional installation required.



SLIM PROFILE

Small and lightweight, the hub can be installed with minimal disruption.



MULTIPLE SENSORS

Each hub can connect to an array of Bluetooth, WiFi and RS-485 sensors.



BIDIRECTIONAL MESSAGING

Stay in contact with team members in the field with real-time text messaging.



END-TO-END SOLUTION

From the hub to visualization apps, Skylo provides everything you need to get started with your data.



REAL-TIME ALERTS

Receive real-time, critical information for timely decision making



PLATFORM API

Connect your Skylo data with existing 3rd party systems to optimize your workflow.

The Skylo Hub



PRODUCT DETAILS

ENVIRONMENTAL

Vibration

SAE J1455, MIL-STD-810H

Operating Temp

Hub Transponder: -40°C to 85°C

Backup Battery: -20°C to +70°C

Portable Battery: -10°C to +60°C

Shock

MIL-STD-810H

Dust & Water

IP67 Compliant

ELECTRICAL

Backup Battery SKU

3000mAh

Power Consumption

<20W Transmit

<5 W Receive

<1W Standby

Input Voltage

9-36 VDC

External Power

M-12

TECHNOLOGY

Actual Product Dimensions

20.32 x 20.32 x 3.3 cm

GNSS

GPS, GLONASS, Galileo, QZSS

IMU

9-Axis

CPU

ARM Cortex-M4F @ 128MHz

Data Interfaces

WiFi, BLE, RS-485,

Frequency Range

L Band

NETWORK

Data Rate

20kbps

Coverage

If you're interested in being part of the future of connectivity for the Internet of Things, then our team is waiting to hear from you

SOLUTION DETAILS

- Cost-effective satellite hub for narrow-band remote sensor applications.
- Real-time alerts and diagnostics for improved efficiency and safety.
- Ruggedized IP67-compliant hubs support terrestrial and marine-based applications.
- Flexible connectivity for a wide range of wired and wireless sensors.
- 2-way messaging between devices in the field and HQ.
- Precision location tracking to 3 meters.
- Battery and wired power operation.
- Link layer 128-bit AES encryption to protect all data.



HUB



NETWORK



PLATFORM

READY TO CONNECT YOUR BUSINESS?

If you're interested in being part of the future of connectivity for the Internet of Things, then our team in the USA and India are waiting to hear from you.

info@skylo.tech

email

skylo.tech

online



Scan QR code to connect now, or visit us online.

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