

Æ 9602iz

Next Generation Intelligent Above Ground Marker Technology With Satellite-Connected Communications .

Advanced Technology and Digitally-Driven Real-Time Pig Detection Signal, Anywhere.



aegiz Æ 9602iz is a next-generation, Intelligent Above Ground Marker (AGM) that delivers unprecedented value and return on your investment by combining advanced rare earth magnetometer sensors and geophone with integrated satellite connectivity to provide quicker in-situ deployment and real time monitoring of pig detection status digitally. with a longer-lasting battery. Gain uninterrupted visibility of pig location and whereabouts to improve in-line inspection quality.

Intelligent AGM

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Digitally-Driven

aegiz Æ 9602iz relies on digital signal processing methods to provide robust and false-alarm free passage information. Raw data is streamed to the cloud using the embedded satellite modem. Passage data is recorded continuously, and time stamped with extremely high precision, using GPS time synchronization technology.

Live-Tracking

aegiz Æ 9602iz provides live-tracking and historical passage data over the internet using the web-based software portal, EXO. with a longer-lasting battery. Gain uninterrupted visibility of pig location and whereabouts to improve in-line inspection quality.

Rugged

aegiz Æ 9602iz designed to withstand harsh environment, from the scorching desert to the unexpected rain forest climate, and to work efficiently above or below ground, when needed.

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Microcontroller	: Viucom GTEX™ Control Board with ARM4 STM 32L476 x 1pcs
Satellite Modem	: Iridium Satellite Communication SBD Modem x 1 pcs
Internal GPS	: Ublox Neo-6M-0-001 (3M Accuracy)
Battery Cell	: Panasonic NCR18650PF battery (rechargeable) 18650 x 6 pcs
Casing	: IP68 PET-G x 1pcs
Sensor	: Advance Rare Earth Magnetometer
Geophone	: 15 to 30 Hz Sensitive Geophone x 1 pcs
Antenna	: Taoglas Patch Satellite Antenna x 1pcs
Input Type	: Type C Port for Data Management and Charging
Internal Storage	: SanDisk GB MicroSD Card x 1pcs
Packet Data Size	: 300 bytes per packet data (Max)
Latency	: 10 Seconds to 5 Minutes
Temperature Range	: -40 °C to +85 °C
User Interface	: EXO Web-Based Software
Battery Life	: 144 Hours Active Mode * 400 Hours – Low Power Mode * (*Depends on Temperature, Cell Coverage and Electromagnetic Conditions)

Next Generation Intelligent Above
Ground Marker Technology With
Satellite-Connected
Communications .

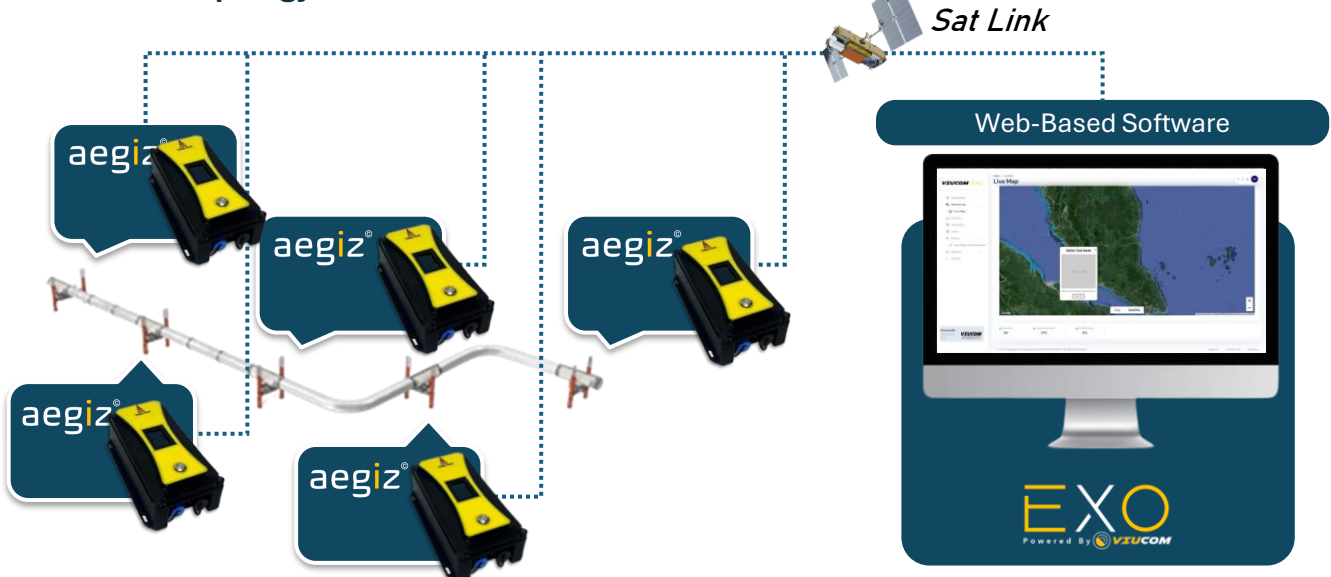


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Product Dimensions



Network Topology : Direct to Device Satellite Connectivity

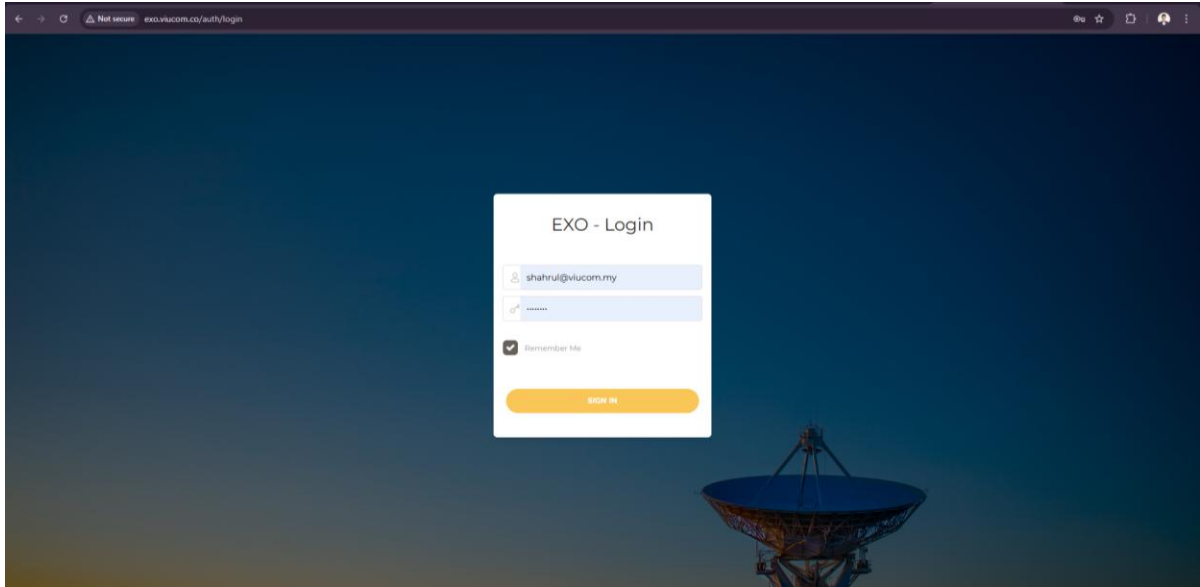


Device – Satellite - Dashboard

aegiz Æ 9602iz can be configured to do direct to devices network. In this topology, all aegiz units will directly independently send signals to the dashboard via satellite connection.

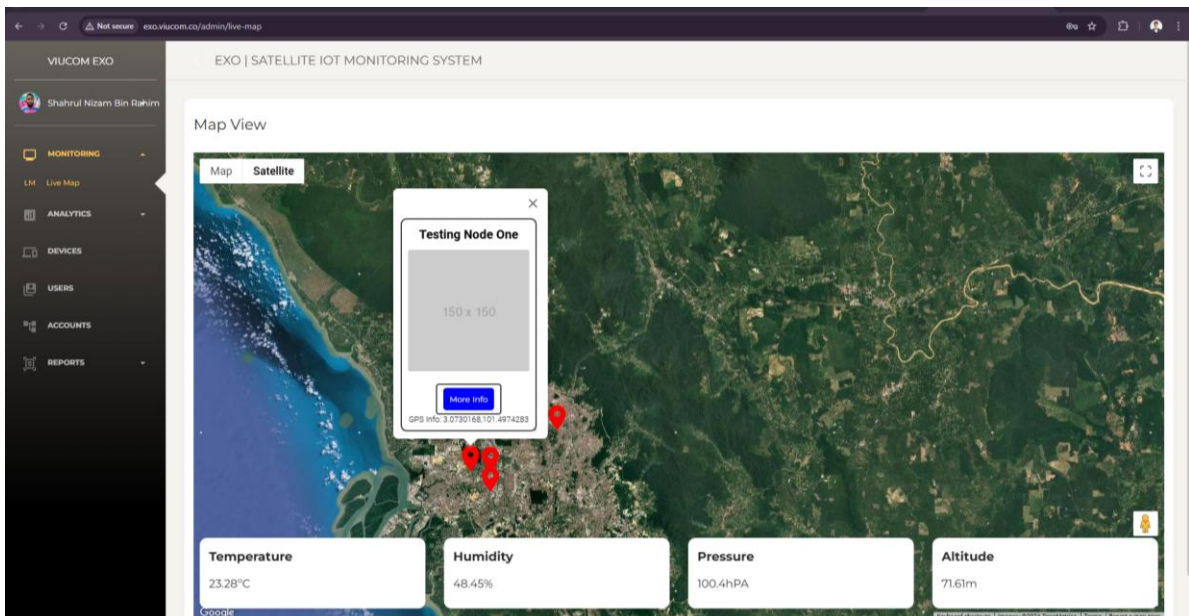


Next Generation Intelligent Above Ground Marker Technology.



Support Multiple User

EXO supports multiple user account, promoting collaboration and cross-checking of work progress for multiple enterprises working on the same projects.

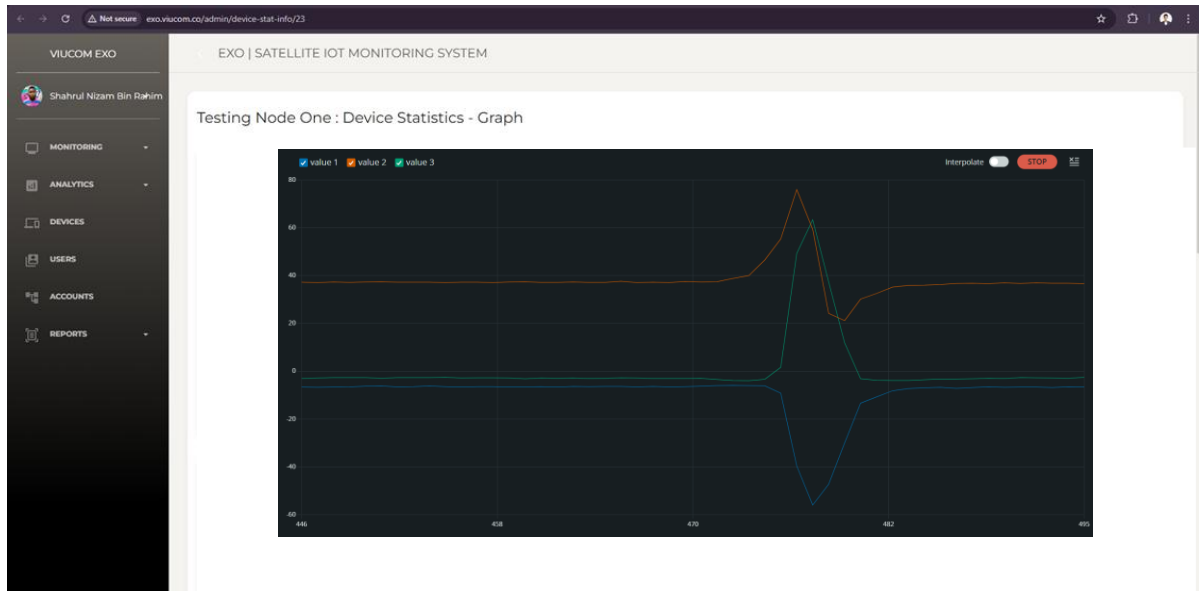


Real Time Signal

Get instant access to critical data on the operational status of your assets, allowing you to respond swiftly to potential issues before they escalate.

EXO

Powered By **VIUCOM**
Web-Based Software



Simple Data Visualization and Analytic Tools

EXO delivers detailed analytics and customizable reports, helping you track performance metrics, spot inefficiencies, and improve overall asset management.

Event Log Report

Filter Options

Account: All Device Name: All Alert Status: All

Start Date: 10/12/2024 End Date: 10/12/2024

FILTER

Report Data

Copy CSV Print Column visibility

Search:

Device Name	Location	Sensor Name	Sensor Value	Event Date/Time	Server Event Date/Time
No data available in table					

Showing 0 to 0 of 0 entries

50 Entries per page

1- Button Report Generation

Report generation is easy. With a single click of a button, customizable report can be generated according to preferred time, date and location of the project.

Our Authorized Partner



THE PULSE OF PIPELINE PERFECTION

At Gyra Group, we understand that true innovation doesn't come from novelty alone—it grows from the wisdom gained through experience.

At GYRA GROUP, we pride ourselves on delivering industry-leading ILI solutions that surpass client expectations.

Technological Leadership

Our ILI tools are designed using the latest technology, providing comprehensive pipeline coverage and unmatched accuracy.

Proven Expertise

We bring decades of experience to the table, ensuring our clients receive services grounded in deep industry knowledge.

Regulatory Compliance & Standards

All our solutions comply with stringent POF standards, ensuring safety and operational integrity.

Commitment to Client Success

We don't just offer a service; we provide long-term partnerships and consultation to ensure the continuous success of our clients.

Innovative Data Solutions

Our tools deliver clear, actionable data, enabling pipeline operators to make informed decisions based on up-to-date information.

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