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ēKo Node

FOR ENVIRONMENTAL MONITORING

The eKo Node is a fully integrated, rugged, outdoor, solar-powered wireless sensing device that allows users to quickly and easily deploy a multi-point monitoring solution that provides real-time data from their environment. The eKo Node uses an energy-efficient radio and sensors for extended battery-life and performance. The node is capable of an outdoor range up to 2 miles depending on the deployment environment and node hardware configuration chosen.

Each node can accommodate up to 4 different sensor types. The simple ESB interface allows users to not only choose from ACEINNA's vast portfolio of sensors, but integrate their own 3rd party sensors as well.

The eKo Node integrates ACEINNA's IRIS processor/radio board and antenna that are powered by rechargeable batteries and a solar cell. The nodes themselves form a wireless mesh network that can be used to extend the range of coverage.

By simply adding an additional eKo Node, it is easy to expand your coverage area. The nodes come pre-programmed and pre-configured to form a true mesh network and require about 1-2 hours per day of sunlight exposure to keep their batteries charged. The enclosures have a metal bracket on the back that can be used to secure the units to stakes.

Features:

- Reliable Wireless Mesh Communication
- Solar Powered
- Effortless Setup and Scalability
- No Monthly Fees
- Customizable Alarm Settings and Alerts
- Environmental Sensor Bus (ESB) for plug-and-play sensor capability



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eKo Node

Connectors

Radio Frequency

Channels

Туре

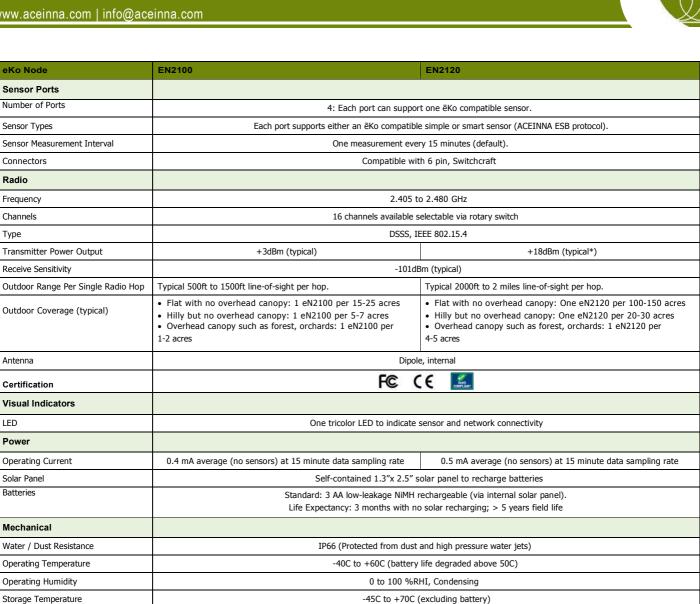
Antenna

LED

Power

Solar Panel

Batteries



Wall/pole attachable bracket for quick disconnect of eN2100. 3.75" x 3.5" x 10.5" / 95 x 89 x 267mm

1.2 lbs/544g

*Non-US: typical +10dBm

Mounting Bracket

Size Weight

Ordering Information

Model	Description	60
EN2100	eKo Standard Node	
EN2120**	eKo Long Range Node	

** EN2120 pending international certifications. Available for purchase for US end-use only.

Questi prodotti sono distribuiti e supportati in Italia da

