

EA_Repeater

Extend and enhance network coverage and reliability

Honeywell's EA_Repeater is a flexible and cost effective radio relay solution for deployments of EnergyAxis® System networks, including gas or water only service areas.

The EA_Repeater enables the EnergyAxis System to easily extend network coverage into areas where only gas or water is metered. It also enhances network performance with two-way communications in remote areas where EnergyAxis-enabled electricity meters are not sufficiently dense to support reliable mesh network communications.

The EA_Repeater uses the EnergyAxis 900 MHz LAN (EA_LAN) to relay 2-way smart meter data and commands from EnergyAxis-enabled electricity, gas, and water meters up to the repeater's EA_Gatekeeper providing a practical means to extend the reach of the EnergyAxis network elements.

Robust network operations

By filling in any coverage gaps, reinforcing network coverage and by extending the EnergyAxis mesh network to non-electric service areas, the EA_Repeater is a cost effective, flexible element in the EnergyAxis System. The EA_Repeater provides for electricity utility outage and restoration notification.¹ Using the 900 MHz EA_LAN, the repeater sends a last gasp outage notification upstream to its registered gatekeeper. Once power is restored, the repeater relays a restoration notification to its registered gatekeeper.

Deployment flexibility

The EA_Repeater is designed for simple and practical siting flexibility. It may be mounted on a pole, tower or building exterior. For convenience, optional mounting kits are available. Remote or local antenna options allow the LAN antenna to be mounted up to 100 feet above the enclosure, allowing easy access for maintenance.

Repeater power options include AC (120 V or 240 V) or solar power.

The EA_Repeater offers extended range options for remote or strategic network deployments as well as enabling EnergyAxis System to reliably serve gas or water only service territories.



The EA_Repeater enables the EnergyAxis System to easily extend network coverage into areas where only gas or water is metered.

1. Outage and restoration notifications available for AC power option only.

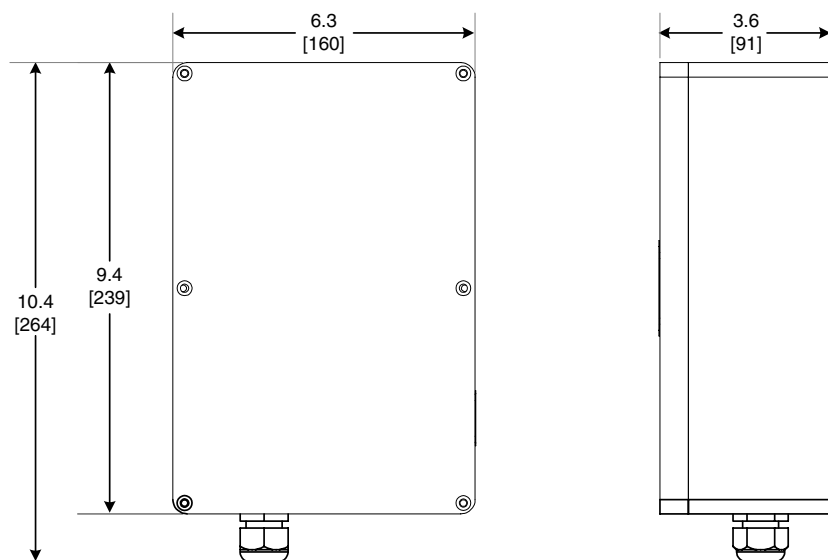
FEATURES

Communication with:	Electricity meters equipped with the EnergyAxis Network Interface Card (EA_NIC)	Grid sensors and controllers equipped with the EA_NIC	Gas meters equipped with EA_Gas Modules	Water meters equipped with EA_Water Modules
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Specifications

Temperature range	-40 °C to +65 °C
Enclosure rating	IP66 NEMA4X
Wind resistance	120 mph
Power options	120 VAC 240 VAC Solar
Communication with	Electricity meters equipped with the EA_NIC Grid sensors and controllers equipped with the EA_NIC Gas meters equipped with EA_Gas Modules Water meters equipped with EA_Water Modules

Dimensions



Approximate dimensions in inches [millimeters]

Find Out More

SmartEnergy@Honeywell.com
800-786-2215 (Honeywell Smart Energy
sales information)
866-554-9007 (Product support)

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