



FlexNet® R100NA Indoor Collector

The R100NA Indoor Collector integrates seamlessly with the Sensus FlexNet communication network and enables secure, high performance communication directly to the RNI.

Designed to fill-in network coverage for meters in hard-to-reach locations like closets and vaults, this indoor collector features alarm monitoring, next generation encryption, load profile support and remote endpoint configuration.

FEATURES

- Network coverage for hard-to-reach meters
- Half duplex operation
- FCC-licensed, CFR47, Part 15B, 24D, 101C certified
- Single-door enclosure

APPLICATIONS

- Two-way Advanced Meter Infrastructure (AMI)
- Demand Response (DR)
- Home Area Networks (HAN)
- Sensus VantagePoint® Lighting Control

Low-Cost 100 Percent Coverage

The R100NA Indoor Collector is a low-cost infill solution that provides direct backhaul coverage and eliminates the need for costly walk-by/drive-by endpoint reads in “blind spots.”

Common Operating System

The R100NA Indoor Collector shares a common operating system with Sensus FlexNet Base Station products, ensuring a simple, consistent configuration and management of all FlexNet infrastructure components.

Licensed Radio Spectrum

In North America, Federal Communications Commission/Innovation, Science and Development Canada protected primary-use spectrum avoids competition with other wireless services, interference from other radio devices, and the risk of being taken over by emergency service providers.

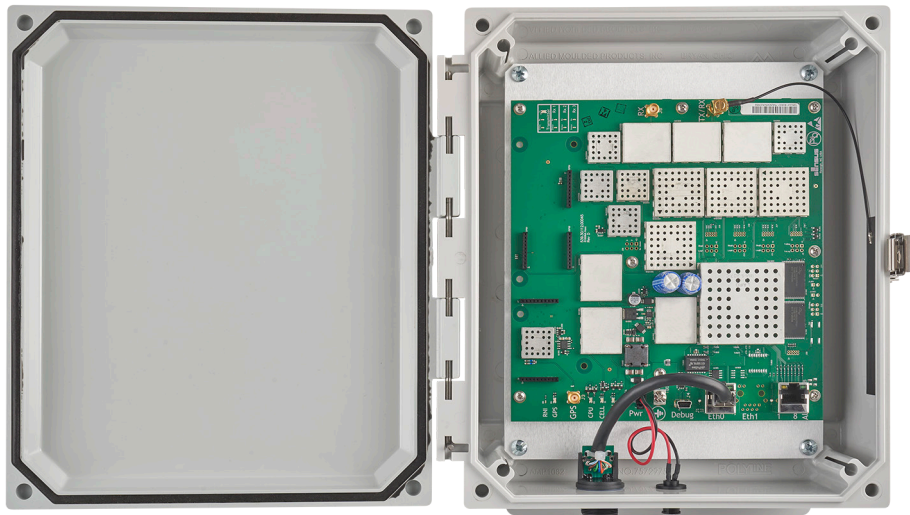
Small Footprint

A lightweight unit for indoor applications enables strategic deployment with a discreet appearance.

Industry Leading Security

Sensus has achieved General Electric/Wurldtech™ Achilles® communications certification for critical infrastructure security against cyber threats.

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Properties

Receive Bandwidth	75 KHz
Transceivers	Single
Spectrum	Licensed 900 MHz PCS/MAS
Duplexing	Single transmit Three receive channels - simultaneous/ dedicated
Applications	Single
Expandability	No
Compatibility	SNMP
FlexNet	Requires RNI 3.3.3 or newer

Enclosure - Wall Mount

Height	9.93" (25.22cm)
Width x Depth	8.15" (20.7 cm) x 2.7" (6.86 cm)
Capacity	One transceiver
Temperature	-40° F to +140° F (-40° C to +60° C)



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