



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.

Low-Cost 100 Percent Coverage

The R100NA Indoor Collector is a low-cost infill solution that provides direct backhaul coverage. This 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 and 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.

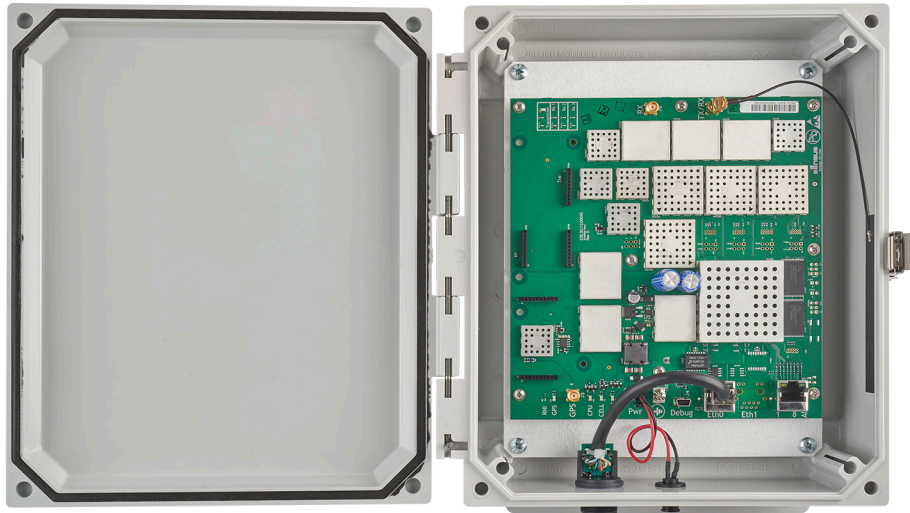
FEATURES

- Network coverage for hard-to-reach meters
- Half duplex operation
- FCC-licensed, CFR 47, Part 15B, 24D, 101C certified
- Single-door enclosure

APPLICATIONS

- Two-way Advanced Meter Infrastructure (AMI)
- One-way AMR for Water and Gas
- Demand Response (DR)
- Home Area Networks (HAN)
- Sensus VantagePoint® Lighting Control

FlexNet® R100NA Indoor Collector



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)



Xylem.com | Sensus.com

SENSUS | 637 Davis Drive | Morrisville, NC 27560 | 800.638.3748

©2020 Sensus. All products purchased and services performed are subject to Sensus' terms of sale, available at either sensus.com/TC or 1-800-638-3748. Sensus reserves the right to modify these terms and conditions in its own discretion without notice to the customer. The Sensus logo is a registered trademark of Sensus.

This document is for informational purposes only, and SENSUS MAKES NO EXPRESS WARRANTIES IN THIS DOCUMENT. FURTHERMORE, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES AS TO FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. ANY USE OF THE PRODUCTS THAT IS NOT SPECIFICALLY PERMITTED HEREIN IS PROHIBITED.