RM2107

Wireless Building Monitoring System with Data Logging Software

The ACI RM2107 wireless receiver is capable of monitoring any ACI MESHNET900™ wireless space, duct, immersion or outside air sensor. When used in conjunction with the included MESHNET900™ Monitor software, the standalone system can be used for energy monitoring and auditing, building performance analysis, high temperature building treatment, and many other applications. The RM2107 should be used as a stand alone system and should not be used in conjuction with other MESHNET900™ Receivers or Transceivers.

The ACI MESHNET900™ Monitor software is a tool designed to work with the RM2107 Universal Receiver. The primary purpose is to monitor and log wireless data being transmitted by the entire product line of MESHNET900™ wireless sensors. The Software allows the user to graphically display sensor readings, log data in a CSV file format, and provide connection status of system sensors. The software is capable of logging up to 24 hours of continuous data and is designed to run on most Windows-based PCs running Windows 7 or 8.

The RM2107 is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.

WIRELESS

SPECIFICATIONS

Supply Voltage	100-240 VAC (50/60 Hz) 0.2A maximum (A Power Adapter is included with each unit)
Receiver Inputs (Universal)	(Maximum of 100 sensors/modules per receiver)
RF Characteristics	Operating Frequency: 902-928 MHz Transmitter Power: 11 dBm Receiver Sensitivity: -110 dBm
Operating Temperature Range	32 to 122ºF (0 to 50ºC)
Operating Humidity Range	5 to 95%, non-condensing
Communication Protocols	RS232: Serial communications
Open Field Range	One mile (line of sight)
Indoor Transmission Range	200-500' typical on the same floor; one floor above and below receiver location
Product Dimensions	(L) 7.62" (W) 4.62" (H) 2.25"

ORDERING

Please select RM2107 as a Wireless Device (A).

A   Wireless Device

○ **RM2107** (Wireless Building Monitoring System with Data Logging Software)

BUILD PART NUMBER

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

(A)

EXAMPLE: RM2107

TXID	USERTAG
▪ 1AE4	AREA 1
▪ 1AE5	AREA 2
▪ 1AE6	AREA 3

Temperature (°F)

High Alarm

Low Alarm

120 100 80 60 40 20 0

11:45   11:46   11:47

Data Log (Software Example)