ZigBee Co-ordinator / ZigBee Repeater
AC10RF / AE10RF

The SALUS AC10RF Co-ordinator is a simple USB powered device that coordinates SALUS Smart Home enabled devices across the Zigbee network when a Basic Gateway is not used. The AC10RF can handle up to 30 AS20RF thermostats to coordinate up to 90 ARV10RFM actuators.

When more than 32 battery powered devices are used, USB powered AE10RF ZigBee Repeaters may be required depending on which SALUS Smart Home compatible AC powered devices are on the network. The ZigBee Repeater can also be used to boost the signal or extend the network when required, for example, areas with numerous concrete obstructions or for extended distances between devices.

Features & Benefits

AC10RF

- Cost effective alternative to a Basic Gateway for systems **where remote monitoring and control are not required**
- Coordinates the ZigBee network of battery and AC powered devices for systems without a Basic Gateway
- Can handle up to 30 AWRT10RF thermostats to coordinate up to 90 ARV10RFM smart actuators.

AE10RF

- Extends the range of network in areas with obstructions or between extended distances
- Increases the capacity of battery powered devices on the ZigBee network by 32
- On systems with a Basic Gateway, the AE10RF works with SALUS Smart Home products including thermostats, underfloor heating and smart radiator actuators and other sensors for a fully integrated, remotely accessible home system

- ZigBee HA 1.2 wireless for stable communication over long distances
- Powered by standard USB Type A outlet

SALUS®

System Overview

AC10RF

AE10RF

Communicates with any of the products below

NOTES:
- The AC10RF can support up to 32 battery powered devices.
- Each AC powered device (AX10RF, AKL08RF, AKL01PRF, AKL04PRF, AKL06PRF, AE10RF) increases the system capacity for battery operated devices (ARV10RFM-3, AWRT10RF) by 32.

Specifications

Controls		
Network Button		
Indicators		
Network Status LED Green/Red		
Power		
USB Type A plug, 5 VDC, 0.3 A		
Mechanical		
Weight: 0.4 oz, 12 g		
Dimensions: 2.1" x 1.0" x 0.35", 54 x 26 x 9 mm		
Radio		
802.15.4 radio (2.54 GHz), ZigBee HA1.2 based protocol		
Environmental		
Operating: 32 - 122 °F, 0 - 50 °C, 5- 95% RH, non-condensing		
Storage: -4 - 140 °F, -20 - 60 °C, 5- 95% RH, non-condensing		
Agency Compliance		
FCC, Industry Canada		
Warranty		
5 years limited warranty		

Compatible Devices	AC10RF	AE10RF
AKL01PRF – Pump Relay Controller	√	√
AKL04PRF – Pump Relay Controller	√	√
AKL06PRF – Pump Relay Controller	√	√
AKL08RF – Relay Controller	√	√
ARV10RFM-3 – ZigBee Battery Actuator	√	√
AWRT10RF Wireless Radiant Thermostat	√	√
AX10RF – ZigBee Receiver	√	√
ST880ZB – Optima Thermostat		√
SS882ZB – Door / Window Sensor		√
SX885ZB – minSmartPlug		√
SG888ZB – Basic Gateway		√
ST898ZB – Optima S Thermostat		√

Order Details / Contact

Model Name: ZigBee Co-ordinator / ZigBee Repeater

Model	Single Unit UPC	Carton GTIN
AC10RF	817852020014	10817852020011 (60 pcs)
AE10RF	817852020052	10817852020059 (60 pcs)

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