

OVERVIEW

A complete kit to allow remote communication to a GR 2400 system over a dedicated Radio Frequency (RF) link without the need for pulling extensive cable or fiber optics.

FEATURES

The radio frequency remote access kit is designed for the GR 2400 system, as a seamless building-to-building (point-to-point) communication link for long distances. Ships as a complete kit with no additional parts needed, except for the local wiring and mounting screws. The product ships factory pre-programmed and uses license free frequency mode, also powerful enough to send/receive data over miles of distances. (Actual distance may vary due to the nature of local geological features) The waterproof external antennas have the transceivers included, reducing the RF signal loss to virtually zero compared to long connecting coaxial cables. Cost effective compact system that requires only a short run of waterproof Cat.5 between the power supply and the antenna (included), and standard Cat.5 UTP/STP wiring inside the building to connect to the remote powered converter and the GR 2400 system at the remote end.




LINK TO™ PC RF KIT

Warranty

Three-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.
 Specifications subject to change without notice.

ORDERING INFORMATION

LINK-TO PC RF INDOOR UNITS				
System and Type	Link-to Type	Baud Rate	Transformer	Mount and Enclosure Type
GR2400 L2	PC485 = RS485	115K = 115kbps	DV = Dual voltage 120/277V	SM NE1 = Surface mount, NEMA 1 FM NE1 = Flush mount, NEMA 1
LINK-TO PC RF OUTDOOR UNITS				
System and Type	Converter Type	Radio Type	Antenna Type	Enclosure Type
LCDACC	FR2C4 = Full duplex remote converting RS232 to RS485	RFH9 = Half duplex 900MHz	ANP12 = Panel-type 12dBi	NE4 = NEMA 4

SPECIFICATIONS

INDOOR UNITS

L2PC-485:

- Power source: GR2400 bus
- Power Consumption: 4W max.
- Enclosure: Indoor 8.25" w x 8.25" h x 3" d
- Protocol: RS485 (GR 2400 bus protocol)
- Connection: Two RJ45 jacks for GR 2400 bus
One 5 pos. screw term RS485

232/485 Converter:

- Power source: Remote power inserter
- Enclosure: Indoor 3.6" w x 2.25" h x 1" d
- Connection: One RJ45 jack (RS485, PoE)
One RJ12 jack (RS232 w/wire to PC DB9 RS232 serial port)

Each Power Inserter:

- Power source: From main: 120/277V
- Power consumption: 10W max.
- Enclosure: Indoor 8.25" w x 8.25" h x 3" d
- Connection: Two RJ45 jacks (PoE)

OUTDOOR UNITS

Each Transceiver with Antennas:

- Power source: Remote power inserters (PoE)
- Enclosure: Weather and UV proof ABS
16.375" w x 18.25" h x 3" d
- Programming: Factory preset
- Mounts: Wall arm mounts included
(mounting screws not included)
- Connection: Water sealed RJ45 jack in plastic housing (waterproof Cat.5 included)
- Operating temperature: -30°C to +80°C
- Operating Frequency: 902 to 928MHz
- Modulation: Frequency Shift Keying (FSK)
- Max RF-Tx power: 1W (preset)
- Typical RF Direction: 55°@-3dB (may vary)
- Passive Gain: Typical 6dBi (may vary)

SAMPLE APPLICATION

