

Technologies, Inc.

Product Comparison

Order from:
C A Briggs Company

622 Mary Street, Suite 101
Warminster, PA 18974

Phone: 267-673-8117 - 800-352-6265

Fax: 267-673-8118

Sales@cabriggs.com - www.cabriggs.com



Radios	G303 RIO	G308 RioExpress	G309 RioExpress-SC
Digital Input	8	4	4
Analog Input	4	2	2
Digital Outputs	4	4 (Fail Safe Option)	4 (Fail Safe Option)
Analog Outputs	0	2 (Fail Safe Option)	2 (Fail Safe Option)
Pulse Inputs	1 (stand-alone)	2 (D11 & D12)	2 (D11 & D12)
Configuration Via	Dip Switch	Dip Switch	PC w/Software
Data Comm Options 1. 900MHz, 1 W Radio 2. 900MHz 250mW Radio 3. 2.4GHz 50mW Radio 4. RS485 5. RS232 6. FSK Modem	1-6	2,3	2,3,5
RS485 Comm	Standard part of base unit (use by itself, or as expansion Port w/ Radio)	No	No
Radio Repeat Option	Yes	No	Yes
Power Down Mode Option	No	Yes	Yes
Master/Slave Option	Slave Only	Yes	Yes
Number Slaves Supported	N/A	1	8
Sensor Power	12V or 24V Selectable	12V or 24V Selectable	12V or 24V Selectable
Switched Vx Option	No	Yes	Yes
Supply Voltage	10.5 – 16 VDC	10 – 30 VDC	10 – 30 VDC
Dimensions	8.3"L x 4.2"W x 1.6"H	6.3"L x 4.15"Wx 1.5"5H	6.3"L x 4.15"Wx 1.5"5H



The **RioLink Wireless Modem** ([../products/g306c-riolink/](#)) (model G306C) can be used on a Modbus Master (PLC/RTU/etc) serial data port to support wireless data communications with multiple Wireless I/O Slaves. The G306C is transparent to the data, simply converting bi-directional serial data communications to wireless. Also, a pair of Rio Link Wireless Modems can be used for RS232/485 Data Cable replacement.

NOTE: All of these units are certified for use in Class I, Division 2, Groups A,B,C,D hazardous locations in USA and Canada.