GDS-98RF Wireless Interface

255 Channel Wireless Interface for General Purpose Areas
Interface GDS Corp Wireless Detectors to PLC or DCS

* 255 Channel Wireless Interface covers all addresses on network

* RS-485 or RS-232 Serial Modbus output to PLC or DCS

* Up to 32 optional 4-20mA outputs for easy interface to existing h/w

* Magnetic switches allow for easy field setup and monitoring

* Input power 12-35VDC or 120 / 240 VAC (select when ordering)

* Internal web page shows readings, faults and sensor information

* Graphical LCD display with LED backlight

* Support for either 900 MHz (200 mW) or 2.4 GHz (125 mW) radio

* Individually configurable Low and High alarm settings per channel

* Operating temperature range of -40ºC to +60ºC

* LEDs for Power and Fault and multicolor LED for system status

* Operates on +12VDC for easy use with 12V solar power system

* Manufactured in USA

The **GDS-98RF** Wireless Interface is designed to monitor up to 255 wireless network device transmissions, store the latest values and provide real-time remote access from DCSs, PLCs or other MODBUS masters. Data is available via RS-232 or RS-485 two-wire links.

The **GDS-98RF** also includes an Ethernet-to-Website and USB Virtual COM PORT interface taht allows remote users to view readings, alarm status and more.

If analog output is required, optional 8-channel analog output cards are available that provides up to 32 independent 4-20mA outputs.

GX-99X Specifications:

Function:	Wireless Interface
Power Input:	+12-35VDC or 110/220V
Current Draw:	800 mA MAX
Display:	128x64 LCD
	Transflective sun-readable
User Interface:	Four pushbuttons
	(Add, Menu, Sub, Reset)
Inputs:	900 MHz (52 Networks)
	2.4 GHz (78 Networks)
	255 Channels per network
Outputs:	RS-232 or RS-485
	MODBUS
	Ethernet web page
	Virtual USB Comm
	Optional 4-20mA
Connectors:	External N-Female (2)
Dimensions:	10"H x 8.0"W x 6" D
Enclosure:	NEMA 4x Fiberglass
Warranty:	One year limited

GDS-98RF Order Guide

GDS-99X-FUNC-OPT1-OPT2-OPT3 [X]

FUNC	1 = Wireless Interface
OPT1	1 = 900 MHz Radio 2 = 2.4 GHz Radio
OPT2	1 = +12 to +35VDC Power In 2 = 110/220 VAC Power In
OPT3	0 = No Analog Out 1 = 8 Ch Analog Out 2 = 16 Ch Analog Out 3 = 25 Ch Analog Out 4 = 32 Ch Analog Out
[X]	[TAG] = Stainless steel tag

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