

# Xantrex™ Communications Gateway



## Xantrex™ Communications Gateway helps the user stay informed with computer access or a simple report

The Xantrex™ Communication Gateway bridges the gap between Xantrex solar inverters and the system owner's computer, making it the central component for a residential or small commercial remote monitoring system.

The Gateway logs performance data directly from the Xantrex GT inverters, and transmits it to the included Yahoo™ Widget based monitoring software for a simple and graphically rich view of system performance. More than a data logger, the Gateway offers a web page with the ability to configure automated email reports and fault status to the user or installer.

The Gateway includes both built-in Wi-Fi and Ethernet connectivity allowing for flexible and simple set up for wireless or wired connection to a router or direct to a PC.

## The Gateway logs and transmits performance data such as:

- ▶ System power production
- ▶ Inverter specific power production
- ▶ Lifetime power production; daily, weekly, monthly power production graphs
- ▶ Inverter faults with date and time stamp

## Product Features

- ▶ Can monitor a network consisting of up to 20 single phase GT inverters
- ▶ Wi-Fi/Ethernet module with 10/100 Base-T or 802.11 b/g
- ▶ Can be configured to send energy and alarm reports via email
- ▶ Graphical interactive solar monitoring software
- ▶ Embedded web page for configuring the Gateway and upgrading inverter firmware
- ▶ 16 megabytes of storage



## Xantrex Technology Inc.

### Customer Service/Technical Support

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**Xantrex™ Communications Gateway**

Electrical Specifications	
Communication	Physical layer 2, CAN
Communication protocol	Xanbus™
Maximum Xanbus cable length	130 ft (40 m)
Maximum Ethernet cable length	195 ft (60 m)
Connectors	3 RJ-45 – 8 pins (2 Xanbus, 1 Ethernet)

Communication Specifications	
Ethernet	IEEE Std 802.3™-2005
Wireless	802.11.4b and 802.11.4g; WEP and WPA security Channels 1-11 (US/Canada), 1-9 (Europe)
Part number	865-1055

Mechanical Specifications	
Dimensions (H x W x D)	4 x 6 x 1" (112 x 190 x 45 mm)
Height including antenna	9" (249 mm)
Weight	0.46 lb (207 g)

Regulatory Compliance	
North America	EMC FCC part 15B class B
Industry Canada	ICES-003 class B

Europe	
Safety	Low Voltage Directive 2006/95/EC
EN60950-1:2001	
EMC	EMC Directive 2004/108/EC EN55022 A2: 2003 EN55024 A2: 2003
Telecom	R&TTE Directive 1999/5/EC ETSI EN 301 489-1 ver. 1.6.1 ETSI EN 301 489-17 ver. 1.2.1

Specifications subject to change without notice.

**Yahoo™ Widget-based Monitoring Software**  
(Sample screen shots)

