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 a Xantrex GT or XW System 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 or XW System, 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 energy production; daily, weekly, monthly energy production graphs
▶ Inverter faults with date and time stamp

Product Features

▶ Can monitor a network consisting of up to 20 single phase GT inverters and up to 8 XW devices (XW inverter(s), XW Charge Controller(s), XW SCP, and XW AGS)
▶ 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

xanbus™
E N A B L E D

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Electrical Specifications

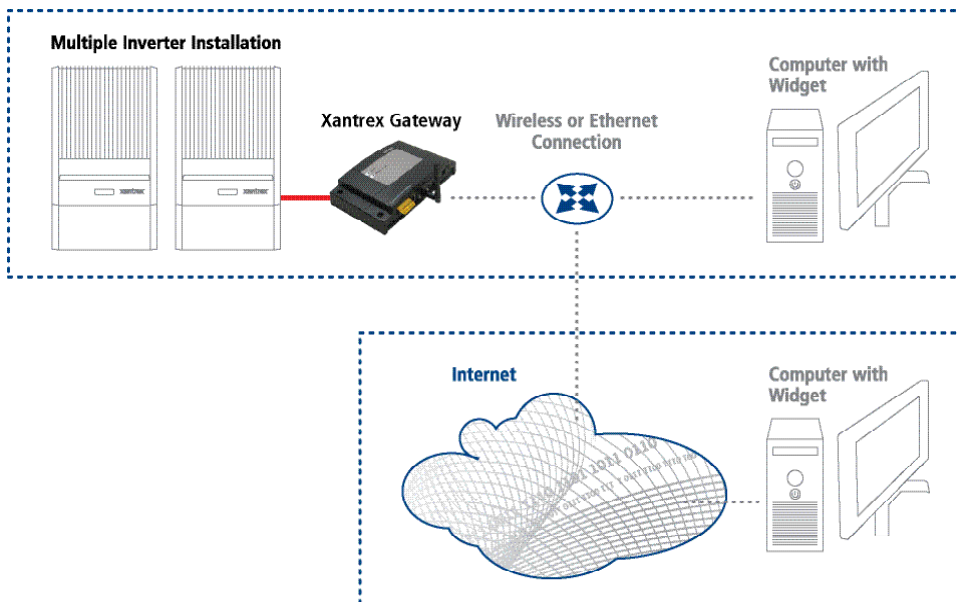|	
Communication	Physical layer 2, CAN
Communication protocol	Xanbus™
Maximum Xanbus cable length	130 ft (40 m)
Maximum Ethernet cable length	195 ft (60 m)
Connectors	3 RJ-45 – 8 pins (2 Xanbus, 1 Ethernet)

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 (US/Canada), 865-1056 (Europe)

Mechanical Specifications

Dimensions (H × W × D)	4 × 6 × 1″ (112 × 190 × 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.

Sample Configuration

Yahoo™ Widget-based Monitoring Software

(Sample screen shots)