



FREEDOM SW CONEXT COMBOX DATASHEET



A POWERFUL COMMUNICATIONS AND MONITORING DEVICE FOR INSTALLERS AND OPERATORS

The Conext ComBox for Freedom SW features an integrated web server, enabling graphical displays of system daily, monthly and lifetime energy data to be viewed using a simple web browser or Android™ mobile device. Installers can change or configure the settings of Xanbus devices through the user-interface on the ComBox. A user-configurable data logger and integrated FTP server provides a system owner with powerful analytics tool for data download and analysis. Conext ComBox for Freedom SW is compatible with Xanbus™ protocol devices. For large systems, the ComBox can be setup in a master-slave configuration to monitor multiple separate Xanbus networks and supported Modbus devices.



Programmable Dry Contact Relay



Capable of Remote Firmware Upgrades



Connectable Up to 20 Xanbus Devices



Customizable Datalogger

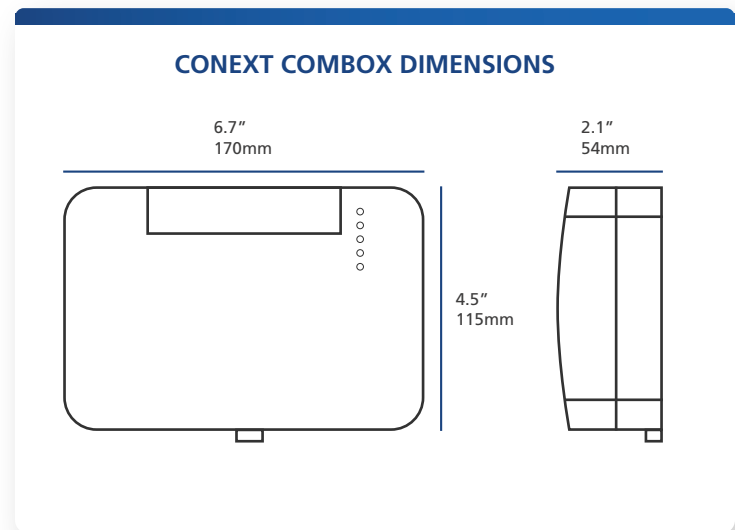
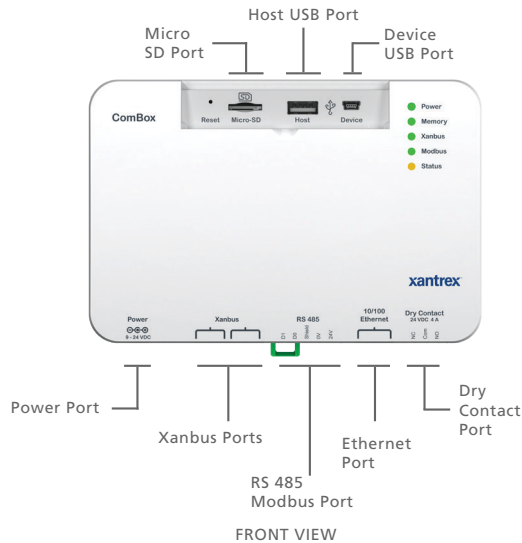
APPLICATIONS:



www.xantrex.com

CUSTOMER CARE: 1.800.670.0707

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PRODUCT FEATURES

- Customizable home screen tailored to your specific system setup
- Multiple visualization options - bar charts or line graphs
- Retrieve data logs or system information through USB, Micro-SD card, RS485, Ethernet
- Configure devices using any web browser or an Android tablet
- Surface or DIN-Rail mounting options
- Multiple power supply options, AC adapter, Xanbus, RS485
- View or download an events log for faster troubleshooting
- Upgrade ComBox and Conext device firmware through a web browser or Android tablet*
- Measure and compare energy performance over varying timelines

PROTECTION FEATURES

- Settings are maintained during power or network interruptions
- Tested and qualified for harsh environmental conditions (HALT reliability testing)

DOWNLOAD THE CONEXT COMBOX ANDROID MOBILE APPLICATION

UPGRADE COMBOX AND CONEXT DEVICE FIRMWARE VIA APP



DOWNLOAD ON



*Tablet not included

ELECTRICAL SPECIFICATIONS

FREEDOM SW CONEXT COMBOX	
Communication Interfaces	
Xanbus	Connector: 2 x RJ45. Products Supported: AGS, SCP
Ethernet	Connector: 1 x RJ45, 10 / 100 MBPS. Server: FTP, Web, Modbus TCP/IP slave, SMTP, SNTP, Auto discovery: DPWS
RS485	Modbus (1 x Connector: Screw 5-terminal, 16–24AWG, 2-wire serial, 19200 bps)
Data Interfaces	
USB 2.0-Host	Connector: USB-A, Protocols: MSD (firmware upgrades and device locator)
USB 2.0-Device	Connector: USB-mini B, Protocols: MSD (data extraction)
Power Supply Options	
DC Input	Certified / Listed / CE, using a 6.5mm power plug, 9 – 24Vdc (universal multi-pin AC adapter included)
Power Consumption	<2W typical / 10W peak
RS485 Connector	24Vdc input (safety extra low-voltage only)
Memory	
Internal	96MB flash
External	Micro-SD Card (2GB or more, class 2 or better recommended)
Conext ComBox Android Tablet Application*	
Software	Minimum Android version 4.0 (Ice Cream Sandwich), download via Google Play
Hardware	Minimum tablet screen size (7", 1024 x 600, e.g. Acer Iconia Tab A100, Acer Iconia Tab A500, Google Nexus™ 7, Asus Transformer TF700T, Samsung Galaxy Tab™ 2 10.1)

GENERAL SPECIFICATIONS

FREEDOM SW CONEXT COMBOX	
Housing/Mounting System	ABS Plastic / DIN-rail: 35 mm, Wall-mount: 2-screw
IP Rating/Mounting Location	IP 20, NEMA 1, Indoor only
Status Display	5 x LEDs
Temperature	Operating: -4 to 122 °F (-20 to 50 °C) / storage: -40 to 185 °F (-40 to 85 °C)
Humidity	Operating: < 95%, non-condensing / storage: < 95%
Weight	0.55lb (0.25kg)
Dimensions (H x W x L)	4.5 x 6.7 x 2.1" (115 x 170 x 54mm)
Part Number	809-0918

REGULATORY AND ENVIRONMENTAL COMPLIANCES

Marking	CE, RCM
EMC Immunity	EN61000-6-1 residential / commercial
EMC Emission	EN61000-6-3, FCC Part 15 Class B, Ind. Canada ICES-003 Class B
Substances/Environmental	RoHS

Specifications are subject to change without notice. *Tablet not included

CONTACT

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