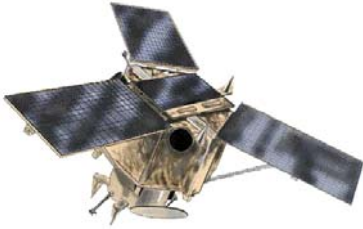


ExtraNET CC

A seamless point to point or point to multi-point satellite communication solution.

ExtraNET CC was designed to allow you to control your own network with an easy to set up package that makes communication to remote assets a breeze.

Environment friendly and easy to use makes this low power communication solution ideal for many applications. The ExtraNET CC is built using a durable NEMA 4x Fiberglass or Aluminum sealed box and can be mounted to any mast or stand in just a few minutes.



The Globalstar® satellite network allows you to get data to and from almost anywhere. Crystalline Technology, Inc. has developed an inexpensive communication medium that will take the place of towers, microwaves, phone lines and most terrestrial based communication systems without the need for costly infrastructure.

The easy to use interface lets you set up the ExtraNET CC for your project, simply plug into a computer and access the menu driven configuration.

Applications:

- Roadside Signs
- Natural Gas and Oil
- Water
- Environmental Monitoring
- Data Management
- SCADA
- Homeland Security

ExtraNET `Avalanche` :

- Data Logging
- API 21.1 support (Fisher ROC)
- Modbus
- Binary or CSV direct to your e-mail
- Very low power



ExtraNET CC takes care of the IP network requirements and provides a transparent RS232 or RS485 interface to your equipment. It works with almost any host that supports TCP or UDP over a protected IP network giving you the complete comfort of managing your own data.

Features:

- TCP/IP, UDP/IP, ICMP, SMTP support
- Easy interface to your host
- Secure point to point communications
- RS232 / RS485 Customer Interface
- Static IP or Dynamic IP support
- SMS Support
- Full Duplex communications.
- Comprehensive Event Log
- Rapid Deployment
- Additional support for ROC and MODBUS
- Mounting hardware included
- Class 1, Division 2, Groups A,B,C & D approved
- Multiple time out timers
- Report by Exception

Technical Specifications:

- Integrated Globalstar® 1620 digital modem.

Coverage Area:

In 120 Countries where a view of the sky is available

Async or Burst Data price plans

- Special ExtraNET CC airtime plans

Power Requirements:

- +5.6 V to +15 V
- Standby: 0.07 W
- Transmit: 9 W max
- Receive: 1 W

Dimensions:

- 6 in depth 9 in width 18 height

Environmental Conditions:

- Operating -30 to +60 C
- Storage -40 to +85 C

Customer Interface:

RS232 or RS485 (user selectable)
at 110, 300, 2400, 9600, 19200,
38400, 57600, or 115200 baud

Host Protocols Supported:

- TCP, UDP, SMTP, ICMP over IP

Network:

Via Static IP using VPN direct to Globalstar's® NOC or via a public IP on the Internet ExtraNET CC delivers seamless point to point data communications over a transparent network using satellite and / or a GSM/GPRS, 1X, or CDMA "cellular" modem. ExtraNET CC delivers reliable digital data using QUALCOMM's® patented CDMA technology and the Globalstar® constellation of Low-Earth-Orbit (LEO) satellites. Also supported is an optional GPS for position and velocity data.

For Further Information:

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NETWORK GUIDE

