

Sixnet

BlueTree Wireless Product Group

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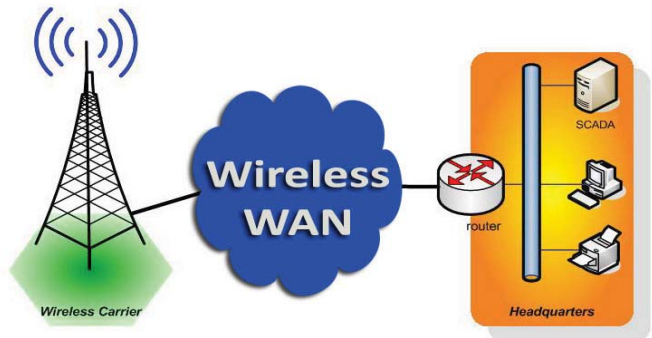
Machines Start Talking!

BlueTree 6000 Series

The BT-6600 series offers high speed internet connectivity over the EVDO Rev. A cellular network to with M2M applications for rel-time remote access, monitoring and control of remote devices.

By combining standard device interfaces with BlueTree's powerful internet connection management, the BT-6600 adds "intelligence" to any machine-to-machine solution, thus providing reliable communication to business assets.

- RTU/PLC/SCADA for data collection, monitoring & control
- Traffic control & monitoring
- Surveillance & alarm panels
- POS, ATM, Kiosk
- Waste water management



Benefits

- Provides industry standard internet TCP/IP access to remote devices
- Provides real-time readings for better usage and billing management
- Optimizes the use of businesses assets
- Reduces visits to remote locations resulting in lower employee resources
- Connect multiple devices to a single WAN pipe
- Ideal for hazardous environments
- Compared to traditional wire line:
 - Simpler installation results in lower setup cost & faster deployment
 - Lower monthly charges (paid based on data usage)
 - Larger geographical coverage
 - Native TCP/IP connectivity

Features

- Ultra-reliable Always-on cellular link
- EVDO Rev. A speeds of up to 3.1 Mbps
- Rugged and compact DIN rail mounting
- Multiple interfaces: Ethernet, USB, Serial
- Remote diagnostics, configuration & updates
- Router and IP Pass-through modes
- 5 Ethernet embedded switch option
- Serial IP server with MODBUS/DNP3 support
- Power over Ethernet
- -40 to +75°C (-40 to 167°F)

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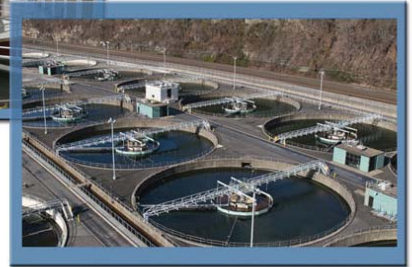
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Why Choose Sixnet?

Sixnet is a world class manufacturer of Industrial Ethernet connectivity, wireless and automation products. Sixnet's BlueTree Wireless Product Group has software solutions for commercial and industrial applications. Sixnet modems are designed to operate on cellular data networks worldwide enabling M2M applications in the Public Safety, Fleet Management, Field Service, SCADA and telemetry markets. "Imagine the possibilities!"

Telemetry | SCADA EVDO Rev. A



Product Specifications

Wireless Interface	Dual-band CDMA2000 EVDO Rev. A (with diversity) Backward compatible with 1xRTT and IS95
Peak Data Rates	Theoretical speed: 3.1 Mbps Typical speed: 1.5 Mbps
Ethernet Interface	1x RJ45 Ethernet 10/100 auto-sensing (BT-6601, BT-6601EB) 5x RJ45 Ethernet 10/100 auto-sensing (BT-6621)
Serial Interface	1x RS-232 Serial DB9 115200bps
USB Interface	1x USB2.0 mini
LED Status Indicators	Power, WAN, Signal, RS232, Ethernet Link & Activity
Inputs & Outputs	1x Reset Button, 1x Digital Output, 1x Digital Input
Dimensions	BT-660x: Steel 120 x 96 x 32 mm (4.7" x 3.77" x 1.25"), 453g (1 lb) BT-6621: Steel 120 x 96 x 51 mm (4.7" x 3.77" x 2.0"), 500g (1.1 lbs)
Power Input	8 - 30 Vdc (12Vdc nominal)
Power Consumption	BT-660x: @ 12 Vdc Transmit: 200 mA avg. (Max. 450 mA), Standby: 115 mA BT-6621: @ 12 Vdc Transmit: 350 mA avg. (Max. 580 mA), Standby: 250 mA
Environmental	Operating Temp: -40 to +75°C (-40 to 167°F) Shock: IEC68-2-27, Vibration: IEC68-2-6 Humidity: 5 to 95% non-condensing
Certification	EMC- FCC, part 15 and Industry Canada, ICES-003 Hazardous Locations - Class I, Div. 2, Groups A,B,C,D, UL1604 Electrical Safety - UL508/CSA22.2/14 (CUL)

BT-6600



BT-6601EB



BT-6621



Software Tools



The BlueTree 6600 can easily be configured, monitored and managed using the following BlueVue software applications.

BlueVue Device Manager
 For initial setup and configuration

BlueVue Monitor
 Quick and easy diagnostic dashboard

