



BS6200

Cellular Data/Voice Adapter



BS6200 Cellular Adapter

FEATURES

- Cellular Adapter for Dial-up Credit Card Machines, Security Systems, Set Top Boxes, POS Terminals, etc.
- Uses existing cellular networks for low-cost data transfer / voice capabilities in place of phone lines
- Unique all-in-one AC adapter housing plugs directly into any 120 VAC electrical outlet -- reduces clutter
- Front Panel RJ-11 modular jack for use with devices which require POTS lines
- Front Panel RJ-45 modular jack (CAT-5) for 1xRTT, or GPRS data services
- Internal Cellular antenna, i.e. no external antenna required
- Internal Battery Backup (optional) OR plug directly into commercially available UPS
- Nationwide Network Coverage on all North American GSM/GPRS or CDMA Networks (module specific)
- Over The Air Programming and Provisioning
- Data Services include PPP and TCP/IP protocols
- SIM Card holder for GSM support

BrightSKY, LLC

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PRODUCT OVERVIEW

The BS6200 Cellular Data/Voice Adapter (Patent Pending) provides an alternative to commercial landline telephone service (POTS) when using devices such as conventional dial-up Credit Card Machines, Point-of-Sale (POS) terminals, cable/satellite TV Set Top Boxes (STB), or any data device which normally uses a telephone line for connectivity.

The BS6200 replicates a normal phone line by providing dial tone, call progress tones, and line voltage allowing the use of un-modified products without special software. Monthly billing is on a per-line basis just like a normal phone line, with no special charges for roaming or peak hour usage in most cases.

The unique internal modular construction of the BS6200 allows it to be easily refurbished to meet changes in network technology at a much lower cost-per-unit than competing products.

A very high efficiency design allows the BS6200 to operate for up to 8 hours from an internal Nickel Metal Hydride (NimH) rechargeable battery pack with average use. Intelligent battery management allows the unit to continue reporting for up to 72 hours after losing power in security installations.

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SPECIFICATIONS

Power Supply Requirements:	120 VAC at 25VA (25W) max.
Networks Supported (module specific):	CDMA, GSM (Cellular/PCS - North America)
Wireless Interface CDMA:	CDMA 2000 1xRTT (IS-2000) – (Dual Band) Band class 0 (TX: 824-849MHz/ RX:869-894MHz) Band class 1 (TX: 1850-1910MHz/ RX: 1930-1990MHz)
Wireless Interface: GSM:	GSM 850 TX: 824-849MHz/ RX: 869-894MHz PCS 1900 TX: 1850-1910MHz/ RX: 1930-1990MHz
Telephone Device Connection:	RJ-11 Modular Jack on front panel for Voice
Internal Modem (Answer) Connection:	V.22B (1200/2400 baud) for Circuit Switched Data
Optional 10 Base T LAN Connection:	RJ-45 Modular Jack on front panel for TCP/IP
LAN Data Rates:	CDMA 2000 1xRTT – 153kbps GSM GPRS - 1
Cellular Specifications – CDMA:	EVRC, 13kQCELP Circuit Switch (IS707-A.4) Packet Data (IS707-A.5) G3 FAX
Cellular Specifications – GSM:	GRPS (Class 10) – 80kbps (down link), 20kbps (up link) CSD – 9.6kbps HSCSD – 28.8kbps (down link), 14.4kbps (up link)
Indicator Lights (LED's):	Network Module connection status (2 ea.) LAN port connection status (2 ea.)
Outline Dimensions (excluding antenna, AC prongs and mounting tab):	4.1" (104mm) Height 2.2" (56mm) Width 2.5" (64mm) Depth
Weight:	10 oz (285 g)
Operating Temperature Range:	0°C to +50°C
Storage Temperature Range:	-20°C to +60°C

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