

Phonecell[®] SX6 GSM

Fixed Cellular Terminal

Voice • Fax • Data

The SX6, a flexible and cost-effective fixed cellular terminal, is a complete solution for GPRS Voice, Fax and Data. This easy-to-install terminal is ideal for residential, enterprise and other applications that require reliable communications.

Features

- Quad Band GSM/GPRS: 850/900/1800/1900 MHz
- Superior voice quality
- GPRS packet data, multi-slot Class 10 (up to 86.2 Kbps) *
- Access the Internet and E-mail
- Supports Circuit Switched Fax and Data
- Supports AMR/FR/EFR/HR *
- Short Messaging Service (SMS) *
- Group 3 Class 1 analog Fax via RJ-11 * (V.17, V.21, V.27ter, V.29)
- RoHS compliant
- Broad range of asynchronous modems supported
- Compatible with popular supplementary services including call ID, call waiting, call hold, call forwarding, call barring, multi-party calling, etc. *
- Separate Voice and Fax jacks
- DTMF dialing
- Programmable prefix (outside line, calling card, etc.)
- Allows the use of up to 3 telephones (REN 3 Support)
- Standard GSM Mini-SIM (1.8 or 3 V)
- PSTN emulation for transparent integration to most applications
- Polarity Line Reversal
- Supports GSM personalization features (GSM 02.22)
- Optional internal rechargeable battery pack
- Simple installation: desktop (horizontal or vertical) or wall mount
- Easy set up using a DTMF telephone
- 7 LEDs for signal strength, power, low battery, message alert and call status
- Includes 2dBi dual band antenna (850/1900 MHz or 900/1800 MHz)
- Standard TNC connector

* Subject to network availability



Accessories

1300 mAh NiMH
rechargeable battery pack
for use within the SX6

Terminal:

- Talk Time -
2 Hours
- Standby Time -
8 Hours

5 dB external mag mount
antenna with 8 feet of coax
cable

International Sales:

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Weston, FL 33326

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System Specifications

Air Interface	GSM 850/900/1800/1900 MHz (Quad Band Capable)
Transmit Power	GSM 850/900 - 2 Watts GSM 1800/1900 - 1 Watt
Codecs	AMR/FR/EFR/HR*
Analog Modems	Bell 103, 212, 212A V.21, V.22, V.22bis, V.23, V.32, V.32bis, v.42, v.42bis V.44, V.90, v.92 Asynchronous

CONNECTOR INTERFACES

RJ11 Voice Interface	Allows the use of up to 3 telephones (REN) Dynamic Echo Cancellation PSTN Emulation, Call Alert, Polarity Line Reversal, In Band and Out of Band DTMF Signaling, Programmable Prefix Dialing, Caller ID Circuit Switched Data (CSD) – 9.6Kbps
RJ-11 Fax Interface	Analog Fax, Group 3, 14.4 Kbps
USB	GPRS Class 10 (86.2 Kbps)
DB9 Serial Port	Circuit Switched Digital PC FAX Circuit Switched Digital Data SMS Messaging
USB Port	Ver. 2.0 GPRS Data Transmission Class-10 (up to 86.2 Kbps) Drivers Compatible with Windows XP and Vista
Antenna Port	TNC Connector (50 Ohms)
Supplied Antenna (Qty =1)	Dipole, Two Band (850/1900, 900/1900 or 900/1800 MHz)
Caller ID	ETSI DTMF, Bellcore FSK
LED Indicators	Power/Battery Status Signal Strength Indicator Message Status (SMS, Voice Mail) On Hook/ Off Hook Status Indicator
SIM Card Voltage	1.8 or 3V DC
Network Locks	MEP GSM 02.22
Weight	1lb. without battery (454 grams)
Size	8.25 x 6.00 x 2.00 in.
(width x depth x height)	21x15.2x5.1 cm.
AC Input Voltage to Adapter	90 to 240 VAC; 50/60 Hz
Adapter Output Voltage	12 VDC
Operating Temperature Range	14 to 122 °F (-10 to 50 Deg. C)
Storage Temperature	-40 to 140 °F (-40 to 60 Deg. C)
Humidity	5% to 95% RH

