



The CellRoute allows network operators to provide an alternative to fixed line connections by offering their customers a cost saving GSM voice, data and fax solution.

The CellRoute analogue provides users with high quality voice using EFR (Enhanced Full Rate) codecs and has a data link rate of up to 85.6 kbps using GPRS for Email and Internet access. It also supports PC Fax using your laptop via the serial cable.

Benefits

- ✓ Quick and easy install
- ✓ No silent call periods
- ✓ Intelligent call routing
- ✓ Small investment, fast savings
- ✓ Works on any PBX
- ✓ Battery Backup



CellRoute Analogue

cut costs and increase efficiency



Analogue

Redundancy

GSM

BATTERY BACKUP

PC FAX

DATA

TELSTROM

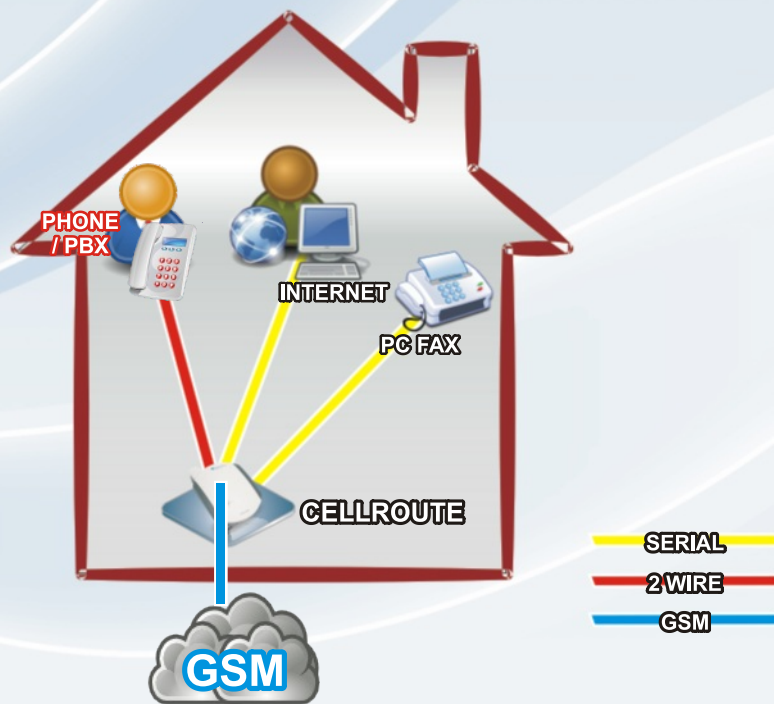


Features

- Make and Receive Voice Calls via FXS / phone port.
- Integral Battery back-up
- Call waiting
- Three Party Conference Calling
- Fax Sending and Receiving via PC Fax
- Caller Line ID Presentation
- GPRS Data via PC Serial port
- Integrated omni antenna
- SMA port for external antenna
- SIM lock, Network lock
- Gain adjustment on mic and speaker



Example Setup



Telephony Interface

- Call Control DTMF
- Line voltage 48v on hook
- Line Impedance 600 ohm
- Ring Load REN 4
- CLIP Bellcore FSK

GSM Interface

- Bands E-GSM 900MHz
- GSM 1800MHz, GSM Phase 2+
- Transmit Power Class 4 (2W) for EGSM 900MHz
- Class 1 (1W) for GSM 1800MHz
- Speech Codecs Half Rate (HR)
- Full Rate (FR)
- Enhanced Full Rate (EFR)

Physical Specification

- Phone Port RJ11 socket to connect Analogue Telephone or PBX trunk
- Serial Port RJ45 socket to connect PC via RS232 Serial port for Data
- GSM Antenna SMA Connector
- SIM Card 3V Small card
- Indication Single line LCD Display
- LED indication for Signal strength
- Height 150 mm
- Width 122 mm
- Depth 42 mm
- Weight 460gm

Data Rates (Network Dependent)

- GPRS Class 10 - Max. 85.6 kbps Download. 2400, 4800, 9600 Baud

Technical Overview

- Power 110-240v 47-63Hz
- 3.2VDC 2 amps
- Battery performance: 2 hours talks time, 11 hours standby time.
- Operating Temp. 0 - 45°C
- Humidity 0 - 85% non-condensing

Your local dealer