



CellFax plus

Fixed Wireless Terminal



CellFax plus is a fully featured terminal that allows major network operators to provide a viable alternative to Fixed Line Connections by offering their customers Fixed Wireless Access to Voice, Fax, SMS and Data.

CellFax plus provides users with high quality voice using EFR (Enhanced Full Rate) codecs, the ability to reliably Send and Receive Faxes using a standard Analogue G3 Fax Machine and supports data connections using GPRS for Email and Internet access.

CellFax plus includes an integrated battery backup which enables continued use when mains power has failed or is not available.

The CellFax plus terminal can be self-installed by the end user, making the provisioning cycle simple and reducing costs for the network operator.



Distribution

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... a global vision of customer interconnection

CellFax plus

Technical Specification



Features Overview

Make and Receive Voice Calls via POTS Phone or PBX Trunk Port
Make and Receive Voice Calls via PBX Extension Port
Call Waiting
Three Party Conference Calling
Phonebook
Fax Sending and Receiving via Analogue G3 Fax machine
Fax Sending and Receiving via PC Fax
Battery Backup
Caller Line ID Presentation
GPRS Data via PC Serial port (Network dependent)
Supports Point-Of-Sale (POS) connection
Dialled Number substitution / modification
SIM lock
Network lock
Hotline automatic number dialling

Physical Interfaces

Phone Port	RJ11 socket to connect Analogue Telephone or PBX trunk
Fax Port	RJ11 socket to connect Analogue G3 Fax Machine
PSTN Port	RJ11 socket to connect Analogue PSTN line or PBX Extension port
Serial Port	DB9 port to connect PC via RS232 Serial Port for Data
GSM Antenna	Female TNC Connector (50 Ω)
SIM Card	3V Small card
Indication	Single line LCD Display 8 x LED indication for Signal strength, Connections and Operation Status

GSM Interface

GSM Module Cinterion
Bands GSM 850 / 900 / 1800 / 1900 MHz
Transmit Power Class 4 (2W) for EGSM 850MHz
Class 4 (2W) for EGSM 900MHz
Class 1 (1W) for GSM 1800MHz
Class 1 (1W) for GSM 1900MHz
Speech Codecs Half Rate (HR)
Full Rate (FR)

Battery Backup

Type Lithium 3.7v / 1700mAh
Standby Time 12 - 18 hours*
Talk Time 2 - 3 hours*
* dependent on network & environmental conditions

Data Rates (Network Dependent)

GPRS Class 10 - Max. 85.6 kbps Download
CSD V.110 - Max. 14.4 kbps

Telephony Interface

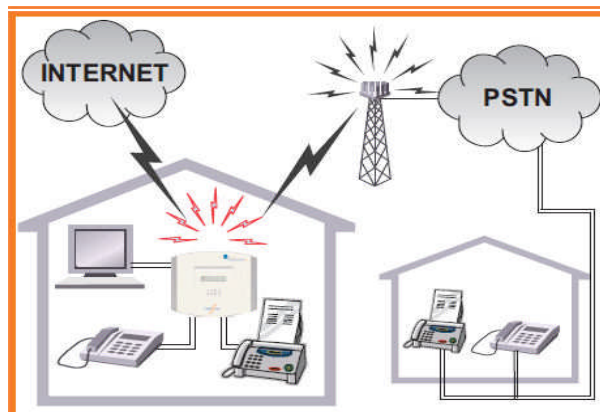
Call Control DTMF
Open Circuit Voltage 50v on hook
Line Impedance 270 Ω + (750 Ω || 150 nF)
Ring Load REN 3
CLIP ETSI / Bellcore standards

Physical Specification

Length	200 mm
Width	150 mm
Height	40 mm
Weight	500 g

Environmental

Operating Temperature 0°C to 45°C
Operating Humidity 20% to 75%
Storage Temperature -20°C to 60°C
Storage Humidity 5% to 95%



For further information on this and other InnoCOM products and services, please contact InnoCOM

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