



Instant Telephone Network Access Anywhere

Stationary Cellular Unit Provides Fixed or Mobile Access to Public Switched Telephone Network

Features:

Ideal for establishing permanent, temporary or backup telephone service

Interfaces existing telephones, faxes, and modems to cellular telephone system

Small size for desk top or wall mounting

Line Sensor for loss of telco line or telco dial tone

Optional battery backup for uninterrupted operation

The CPE^{ONE} is a single-line stationary cellular unit that provides wireless access to the public telephone network for conventional telephones, faxes and computer modems.

CPE^{ONE} applications include:

Primary telephone service in areas or vehicles without wired connections

Temporary service for areas where only periodic connections are required

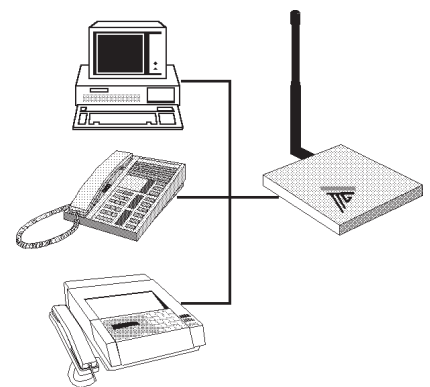
Mobile applications such as emergency vehicles, communications trailers, mobile automatic teller machines, and point-of-sale kiosks

Emergency backup of critical circuits in banks, hospitals and other private and government facilities.

Wireless payphones

CPE^{ONE} Cellular Premise Equipment

The CPE^{ONE} is a cost effective solution for providing standard telephone service in areas where wired plant is not available or too expensive and for applications that are temporary or must relocate periodically. With the CPE^{ONE}, remote sites can communicate using conventional telephones, faxes, and computer modems without large investments in network communications equipment.



Cellular Premise Equipment

Telephone equipment is connected via the standard RJ11 jack. Programming of the Motorola Series IV transceiver is carried out in standard or test mode via the RJ45 jack. AutoSafeTM automatic transceiver activation makes sure that the transceiver is always turned on when needed.

The CPE^{ONE} is supplied with the exclusive TransTel Line Sensor for automatic backup of standard telephone lines. The Line Sensor switches to cellular service if the land line has been cut or there is no dial tone. The Line Sensor does not interrupt a cellular call in progress when land line service is restored.

The CPE^{ONE} is designed to occupy only a minimum of space. At 9 by 9 inches by 1-1/4 inches high, the CPE^{ONE} is one of the smallest products of its type on the market. An optional battery backup module is only 3/4-inches thick and provides two hours of talk time and 24 hours of standby service.

Wall mounting is easy. Two brackets included with the unit attach either the CPE^{ONE} or the CPE^{ONE} and battery module (CPE BM) for quick installation.



Specifications:

Transceiver : Motorola Series IV 3-watt Cellular Radio
TNC connector

Power Supply: Three-prong VAC adapter

User Interface: One RJ11 jack for telephone or data equipment, one RJ11 for telco line, one RJ45 for programming and testing
EMI Filtering
AutoSafeTM Automatic transceiver activation
Reverse polarity protection for DC power source
Transient and overcurrent protection for DC power source plus tip and ring of phone and telco jacks
Self-resetting overcurrent fuses
Two-wire loop start
Ring Voltage: 25 Hz, 60 Vrms, 150 V p-p
Dial Tone: 350 Hz/440 Hz square wave
DTMF or Rotary Maximum REN=3
Maximum wiring: 2,550 feet, 22 gauge (twisted pair)
Includes charger circuit with cut-off to insure long battery life.
Optional battery module. 24 hour standby, 2 hours talk time.

Line Sensor for automatic switching from land line to cellular service if the line has been cut or dial tone is absent. A cellular call in progress is not interrupted when landline service is restored.

Environmental: Indoor use only
-10C to 60C (14F to 140F) operating
-40C to 80C (-40F to 176 F) storage
5% to 95% relative humidity, non-condensing

Size:
CPE^{ONE} - 9 inches by 9 inches by 1-1/4 inches high
CPE-BM - 9 inches by 9 inches by 3/4 inches high

Weight:
CPE^{ONE} - 4 pounds
CPE-BM - 5 pounds

Ordering Information

CPEONE	Transceiver Module
CPE-BM	Battery Module CPE AC1 115 Vac Adaptor
CPE AC2	220 Vac Adaptor
CPE-UT	2.5 dB Gain Half-Wave Antenna for CPE ^{ONE} ; other antennas available
CPE-Access	9.6 kbs Modem for use with PC's

TransTel reserves the right to update the product specifications without prior notice.

TransTel Group manufactures quality equipment for wireless access to the public switched telephone network.

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