

NEOS3000AC

Fixed Cellular Terminal for CDMA2000 1XRTT 800/1900MHz

- I Connect the NEOS3000ACR to an analog trunk of PABX or a standard phone
- I Convert the expensive PSTN to mobile phone call, to direct mobile to mobile traffic
- I Automatically take advantage of the lowest rate to reach the LCR
- I Mobile Trunk and Back-up telephone line
- I Wireless payphone application



Application

- u Direct outgoing calls to wireless service through the NEOS3000AC
- u The place has no fixed network service but has mobile network
- u Some special place like exhibitions, beach, ferries, resorts, trains and so on
- u Mobile payphone
- u Promotion with MVPN
- u Security feedback system
- u wireless credit card machine
- u last mile for ISR or OPERATOR

Feature

- u Trunk line interface : connection to PABX or analog phone as trunk line
- u Time controller : control the outgoing time
- u Remote programming : via DTMF tones from the phone
- u Fake ring back tone : simulation of ring back tone
- u LCR : least cost routing with automatic choice between MOBILE and PSTN by prefix of phone number
- u Reversal polarity
- u Caller ID
- u PC port : Data, SMS and PC fax (NEOS3000AC-P only)

Specification

- u Air interface
 - I CDMA2000 1xRTT 800MHz/1900MHz non R-UIM class0 (0.2W)
- u Dimensions and Weight
 - I 160x120x27mm
 - I 280 g
- u Phone interface
 - I Ringer equivalence number (REN) : 6
 - I PSTN emulation
 - I Echo cancellation
- u LED indicators
 - I Power
 - I MO
 - I CO
 - I RSSI
- u FCT Connectors
 - I Phone : RJ11 interface for POTS interface
 - I Line : RJ11 interface for PSTN
 - I SCM : connection for SCM50 (optional product)
 - I PC : connection for PC Data/SMS/FAX
 - I PWR : 12VDC power jack
 - I Ant : SMA plug female (50 ohm)
 - I Signal : USB connector for LCM
- u Antenna (included)
 - I SMA magnet antenna (3meter)

- u AC to DC switching power supply (included)
 - I AC input : 100~240VAC, 50/60Hz
 - I Available plug : US
- u Environment
 - I Operating temperature : -10°C ~50°C
 - I Storage temperature : -40°C ~60°C
 - I Humidity : 5%~95%
- u Optional
 - I LCM : information of signal
 - I RG-58 Antenna : higher gain antenna
 - I SCM50 : 50 SIM Cards Management

Architecture

Trunk Side Application

