NEOS3000ACR

Fixed Cellular Terminal for CDMA2000 1XRTT R-UIM 800MHz

l   Connect the NEOS3000ACR to an analog trunk of PABX or a standard phone

l   Convert the expensive PSTN to mobile phone call, to direct mobile to mobile traffic

l   Automatically take advantage of the lowest rate to reach the LCR

l   Mobile Trunk and Back-up telephone line

l   Wireless payphone application

Application

u   Direct outgoing calls to wireless service through the NEOS3000ACR

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

- Trunk line interface : connection to PABX or analog phone as trunk line
- Time controller : control the outgoing time
- Remote programming : via DTMF tones from the phone
- Fake ring back tone : simulation of ring back tone
- LCR : least cost routing with automatic choice between MOBILE and PSTN by prefix of phone number
- Reversal polarity
- Caller ID
- PC port : Data, SMS and PC fax (NEOS3000ACR-P only)

Specification

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

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

Architecture

Trunk Side Application

Connect the NEOS to a land phone
Connect the NEOS to analog trunk of the PABX or key system