

# FCT-Trunk

## Fixed Cellular Terminal



### Features:

- Provide Selectable Quad-band 900/1800MHz/850/1900 and PSTN Service
- Provides LCR (Least Cost Routing) function
- RJ11 x 2
- Optional RS232 interface for data application
- Power-failure transfer
- Optional battery back-up interface
- Provides any Carrier-specified dialing Prefix Routing
- Carrier-personalization
- Fast Dialing
- Call waiting tone between mobile and CO calls
- Polarity Reversal and Metering Pulse for billing
- Default profiles for LCR table and dialing prefix
- Call data set-up via regular telephone

Nowadays GSM handset is common and widely available to everyday life. Tecom's mobile trunk can increase the utilization of Cellular Operator's network and add extended usage for regular GSM handsets. It is an ideal product for enterprise, small business for phone bill saving, and also increases the cellular operators'SIM penetration.

Tecom's FCT-Trunk, it will automatically route phone calls between GSM and PSTN interfaces based on FCT-Trunk internal Least Cost Routing (LCR) function setting, and no re-programming/modification to existing customer PBX system.

Tecom's FCT-Trunk also provides a enjoyment of ratiation-free enviroment in home or office side all the mobile calls will be routed through FCT-Trunk and then transfer your extension or phone.



# FCT-Trunk

## Specifications

### Interface:

- RJ-11 for Line interface
- RJ-11 for Phone /PBX interface
- RS-232 for data interface

### Status LED:

- Power
- Mobile Link Status
- Mobile call status
- CO call status
- RSSI status

### Power Requirement:

- Jack for 100VAC ~240VAC to 15 VDC
- RF Power :2W (850/900MHz)and 1W (1800/1900MHz)

### Operating frequency

- 900/1800MHz /850/1900MHz

### Antenna impedance

- 50ohm SMA Female

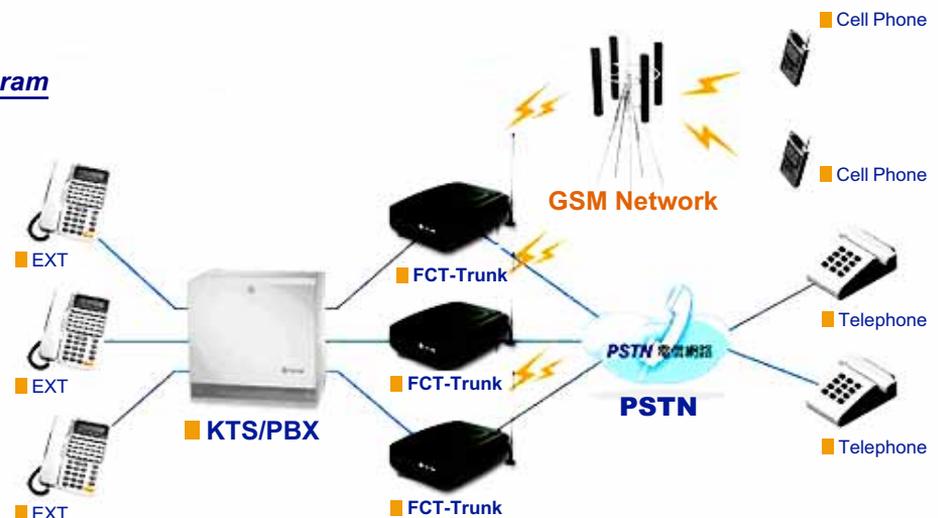
### Dimension:

- 133 mm(W) x 183 mm(L) x 52 mm (H)

### Weight :

- 600 g

### FCT-Trunk Application Diagram



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