

## TW-861: GSM Wireless Access Terminal TW-961: CDMA Wireless Access Terminal

The Wireless Access Terminal TW-861 and TW-961 are designed to provide a flexible and cost-effective solution of public communication in the places where GSM/CDMA network is more accessible than PSTN, e.g. trains, ships, and exhibitions, etc.

With high receiving sensitivity and interference resistance, the terminal can provide reliable service like standard tone phone. It is an ideal choice for the GSM network carrier to maximize the subscribers and network usage.



### Basic Functions

- ☎ Capable to make calls if connecting to an ordinary telephone
- ☎ Incoming call displaying (DTMF mode)
- ☎ Permitted or barred call numbers are configurable with assistance of WPMS
- ☎ Flexible control of receiving and charging the incoming calls
- ☎ Support Calling Line Identification Presentation (DTMF mode)
- ☎ Support SIM card locking (terminal refuses to take any other SIM card except the one set to be accepted) and encrypting SIM card with PIN code automatically
- ☎ Locking onto a specified GSM carrier and base station is programmable
- ☎ Support dialing length analysis
- ☎ Handset on-hook/off-hook and network signal intensity indicating
- ☎ Capable to continue working upon power breakdown with optional external storage battery

### Highlights

- ☎ Provided with power-saving function when terminal is in standby status
- ☎ Generate exact polarity reversal / 16KHz signal for metering device to start charging a call
- ☎ Support adding local long-distance prefix automatically when dialing a local number
- ☎ Support adding IP prefix automatically when dialing a long-distance number
- ☎ Call holding, waiting and multi-party call conference functions with the support of network
- ☎ Provided with a RJ45 socket for a special data-download card to update parameter, tariff and program easily
- ☎ Connecting with a displaying box via RJ45 socket is optional
- ☎ Hotline (one key to dial) and Speed dialing (dial immediately)
- ☎ Operational parameters can be configured manually via connecting payphone
- ☎ With optional accessories, surfing the Internet and sending fax can also be realized (depending on local network availability)

## Technical Specifications

### **Wireless Network**

GSM: 900/1800 MHz, CDMA : 800MHz CDMA 1x (IS95A/B Compatible)

### **Environmental**

Temperature	- 20 °C ~ + 55 °C
Relative humidity	10% ~ 95%
Noise	<= 60 dB (A)
Atmospheric pressure	86 ~ 106 kPa

### **Electrical**

Peak power	2 Watt
Receiving sensitivity	>= -104dBm
Operating voltage	DC 12 V
Power consumption	<= 5 Watt
Power output	-23.5dbW~ -4.5dbW

### **Phone Line Interface**

Handset off-hook voltage	24V
Loop resistance maximum	1000Ω
Dialing tone frequency	450 Hz continuous
Busy tone frequency	450 Hz 0.35 s / 0.35 s

### **Physical**

Dimensions	170 X140 X 40 mm
Weight	0.5 kg (without batteries)
Housing material	Plastic
User interface	RJ11

---

#### **Audility Europe**

Laagstraat 65  
B-9140 Temse  
Belgium

<http://www.audility-europe.com>  
Email: [audility-europe@skynet.be](mailto:audility-europe@skynet.be)

Tel: +32-3-7776780  
Fax: +32-3-7780657

