

# Wireless Station to Station System

# TM2300

When the need to see is as important as the need to know

**Royal**

VIDEO & COMMUNICATION SYSTEMS  
A DIVISION OF ROYAL SERVICE & RENTALS, INC.



The **TM-2300** is one of the most flexible long-range wireless phone products on the market, offering clear, reliable, communication with an easy to install and easy to use system. The system utilizes long-range 900MHz RF technology for transmitting over long distances and through or around many types of obstructions. The base station can connect to any standalone analog phone jack or an analog extension of a PBX. The remote station has two standard RJ11 phone jacks to attach a single line analog phone, fax machine, or data modem. The base and remote stations wirelessly transmit telephone and data signals between each set which eliminates the need for running wires between the phone service jack and the telephone, modem, or fax machine. This is ideal for connecting an outlying building into your phone system as it eliminates the need for buried or overhead cable. Multiple remote stations can be paired with a single base station allowing many phones to share a single extension, or multiple base stations connected to analog extensions on a PBX can be paired with multiple remote stations providing wireless connectivity throughout your office, warehouse, or other structures.

## Key Features

- ▶ 900MHz frequency band to transmit signal with clear audio quality and long-range communication.
- ▶ The remote station provides 48VDC telephone power for connecting to a single line tip ring analog phone.
- ▶ The remote station can operate with solar power or 110VAC power with supplied DC power adaptor.
- ▶ Adjustable speaker volume and microphone sensitivity control on remote station.
- ▶ Base station can work individually as a self-contained system or it can connect to an analog PBX.
- ▶ 8 programmable channel groups each with 10 auto scan channels means 80 working channels to aid in avoiding interference
- ▶ 1 million programmable security codes and digital voice scrambler means secure, private communication.

## Specification:

Power Source	Power Consumption
Base & Remote	Base & Remote
Input: AC110V or 240V	In use: 400mA ~ 600mA
Output: DC 9V	Stand by: 90mA

**Frequency / Channel**  
902/928MHz / (80 Channels)

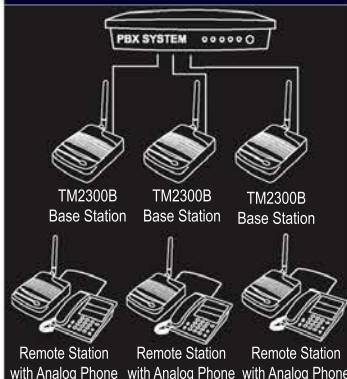
**Communication Range**  
City Area (miles): 0.62 ~ 1.68  
Open Area (miles): 1.68 ~ 6.21

**Dimension / Weight**  
Base & Remote  
L/W/H (inch): 5.87 / 4.29 / 1.54  
Weight (LB): 0.88

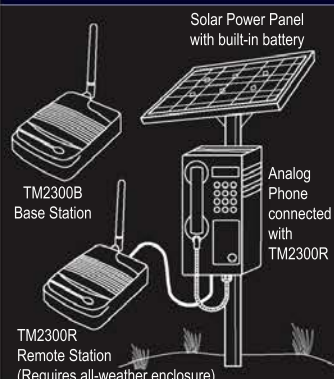
### Single line connection:



### Multi-line connection:



### Unpowered area installation



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### Contact Info

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