



When reliable communication is needed whereas cable connection is not possible, affordable or practical....

When various equipment with different communication mode need to talk with each other like speaking in the same language, **WM Series** Wireless Communication Module is the simplest and straightforward solution.



Computers



Printers



FM18 Indicator



Servers

RS232

RS485



TTL



FM16S Indicator



DJB Digital Junction Box



RD-DOT Dot Remote Display

Versatility and Functionality are always Built-in

WM Series Wireless Communication Modules

Key Features

- Single Chip Radio Frequency Integrated Circuit and MCU are used to ensure Reliability and Performance.
- Support TTL, RS232 and RS485 for Standard and Non-Standard Protocol
- 8 User Selectable Channels
- Independent Indicators for Power, Transmission and Receiving
- Low Power Consumption
- Enhanced High Anti-Interference Performance and Low Bit Error Rate
- 300m plus Long Transmission Distance

Applications

Wireless Data Communication, Remote Control, Test and Data Monitoring for: -

- Industrial, Commerce and Household Applications
- Weighing Scales and Systems
- POS System
- Automatic Data Collecting System

Specifications

Model No.	WM-USB	WM-SP	WM-EP
Power Supplied by	USB	Attached Device Through Pin #9	External Power Adaptor Through DC Jack
Input Power Voltage	DC3.3~5.5V		
Data Connector Type	USB	DB9 (Male)	
Modulation Mode	GFSK		
Working Frequency	8 Channels 428.125~437.250MHz		
Transmission Power /Current	10dBm / ≤40mA		
Receiving Sensitivity / Current	112dBm / ≤30mA		
Data Format	8E1/8N1		
Baud Rate	9600bps		
Support	RS232, RS485 UART/TTL		
Transmission Distance (Unobstructed) BER=10-3/9600bps)	≥300m when placed ≥ 2m above ground ≥500m when placed ≥ 5m above ground		
Cable Length	40cm		
Sleep Current	<20μA		
Dimensions (mm)	45 x 70 x 18 (without Antenna) 45 x 70 x 60 (with Antenna)		
Operation Environment	-10 ~ 60°C. Non-condensed. R.H. ≤ 85%		

In the interest of improvement, specifications may change prior to notice

