

DS-PM-WI1 Wireless Input Expander



The DS-PM-WI1 wireless input expander, which supports wireless FM data transmission, is a detection device. The module is connected with the detector through wired mode, and sends the alarm signal in wireless mode to the security control panel which will upload the alarm signal to center. The module is applied to indoor scenes.

- Supports communication protection against wireless data collision.
- Supports two-way communication, the maximum communication distance is 800 m in open area.
- Secure wireless data with AES-128 encrypt.
- CR123 A/3.3 V power supply, can be used for more than two years.



▪ Specification

Software features	
Tamper-Proof	Front and rear
Hardware features	
Alarm input	1 NC input
Switch	1 switch for turning on/off LED
Indicator	1 red & green LED
RF transmission	
RF Frequency	433 MHz/868 MHz
RF Speed	10 kbps (433)/4.8 kbps (868)
RF Range	800 m (open area)
Electrical characteristics	
Power supply	CR123A, 3.3V, 50mA, 0.165w
Battery life span	2 years
General	
Operation temperature	- 10 °C to 55 °C (14 °F to 131 °F)
Operation humidity	10% to 90% (non-condensing)
Shell material	PC + ABS
Dimension(WxHxD)	84 mm × 25 mm × 21 mm (2.52" × 0.75" × 0.63")
Weight	38.5 g (0.085 lb)
Application scenario	Indoor
Installation method	Wall mounting

▪ Available Model

DS-PM-WI1(868M), DS-PM-WI1(433M)

▪ Accessory

▪ Optional

DS-PSA-DO-868

Alarm demo box



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