√ AM/RFID TECHNOLOGY

AR209
AM/RFID Anti-Theft Systems

Combining AM with RFID technology can achieve more refined and comprehensive management. For example in the field of clothing retail, RFID technology can be used for fast and accurate inventory management and product tracking, while AM technology can achieve efficient anti-theft management in stores sales process. Through the combination of these two technologies, comprehensive monitoring and management of goods can be achieved, improving operational efficiency and reducing losses.

Features:

- High Quality ABS Antenna; Fashion design ;
- Completely independent intellectual property design, dual CPU signal processing;
- Supports mobile app access to equipment, online remote control;
- Support judgment of personnel entry and exit, and can do passenger flow statistics;

AM&RFID Hard Tag

RFID Label

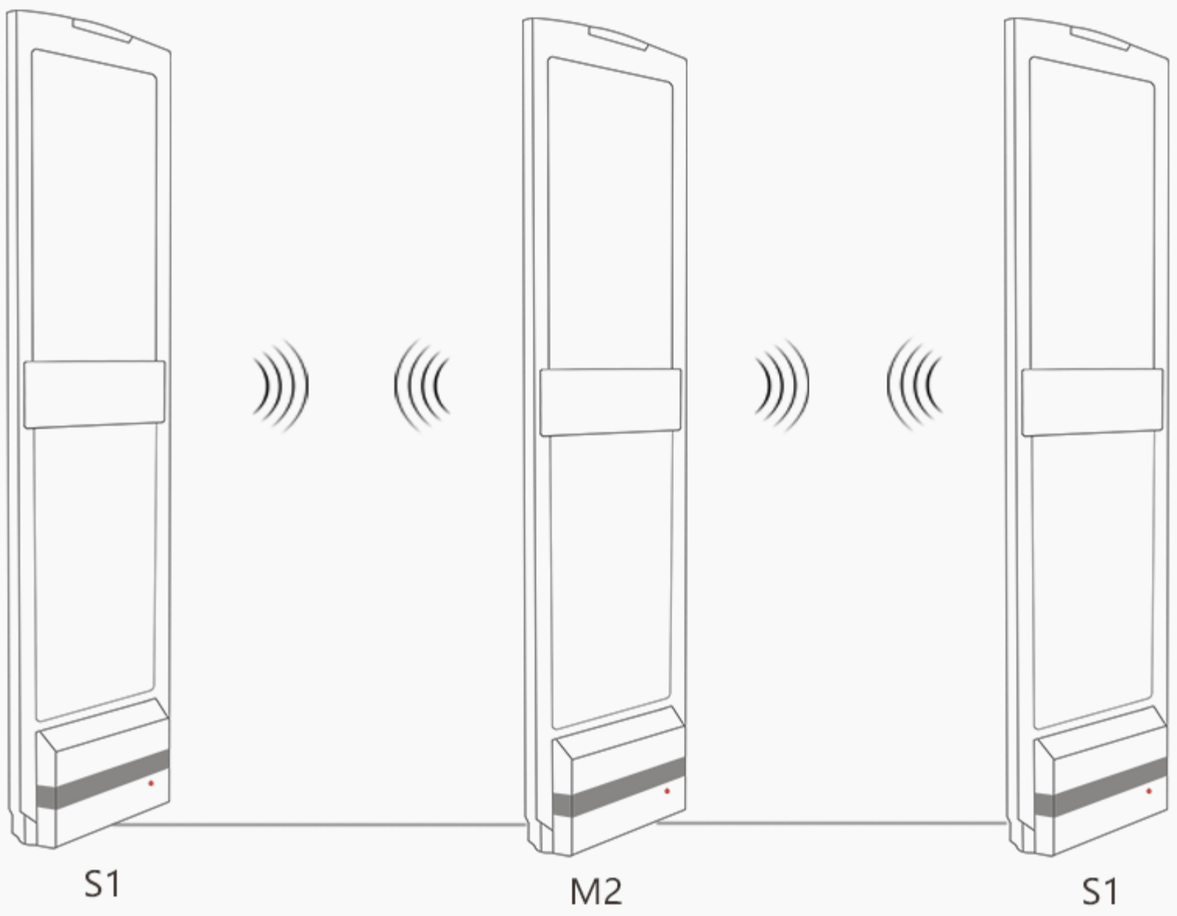
www.lifangmei.com

Channel selection

Single channel

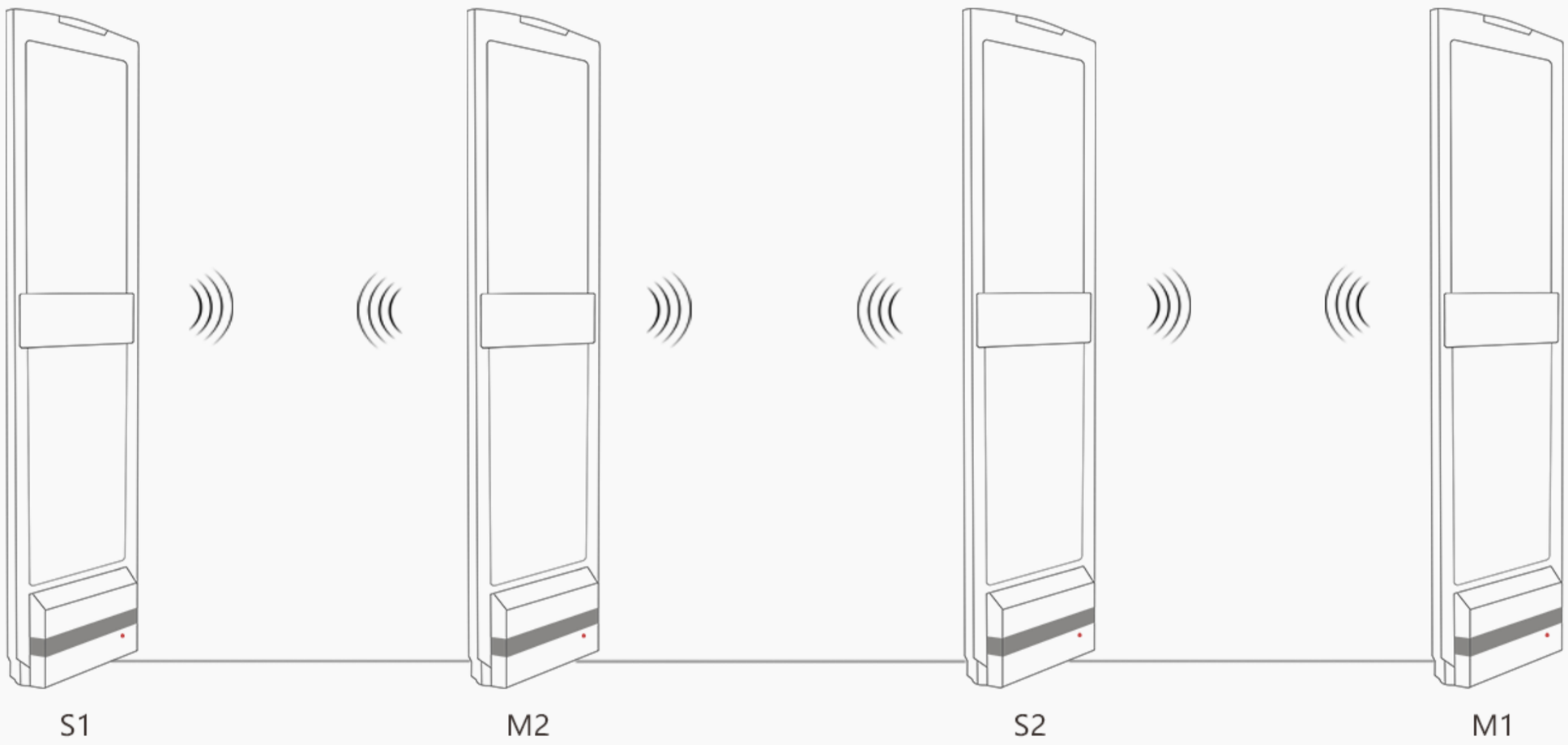
（Single channel）

Dual channel



（Dual channel）

Three channels



（Three channels）

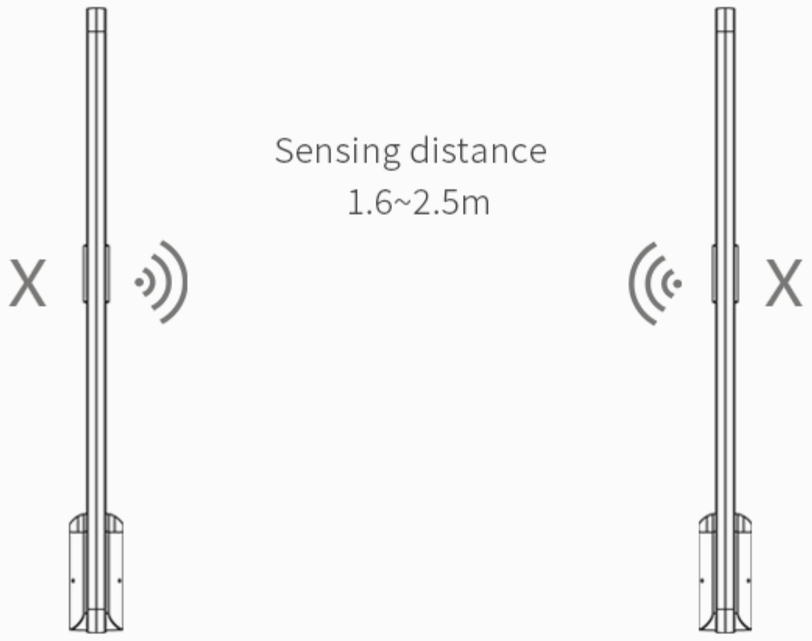
Scenario Application

Clothing Store

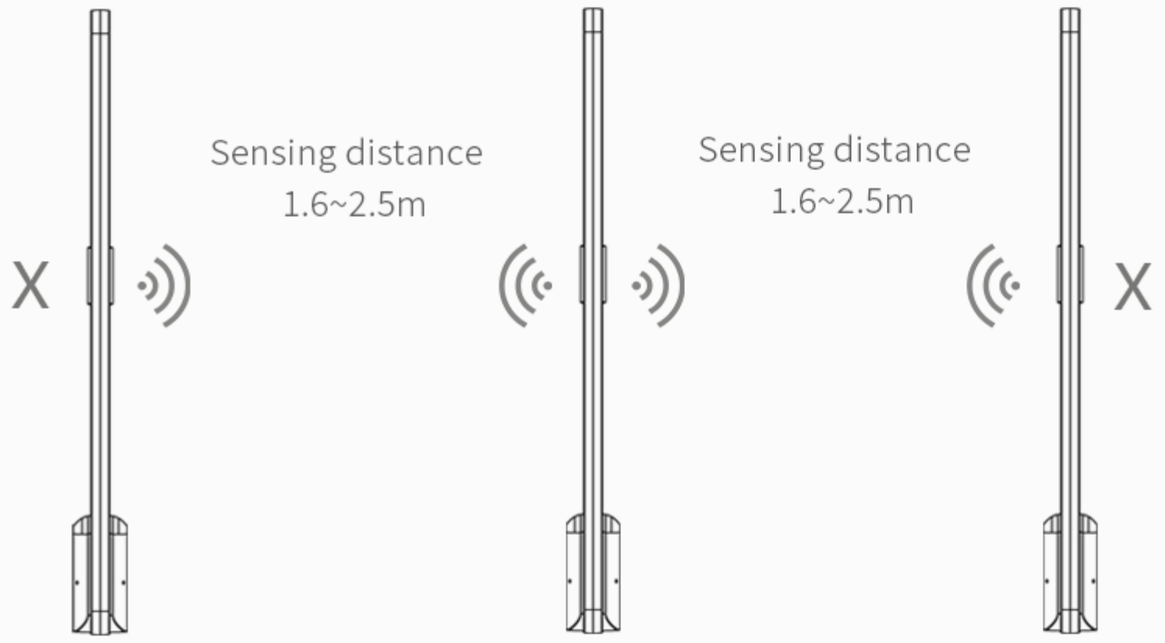
Warehouse Management

Unmanned Supermarket

Library/Archives



(Single channel installation instructions)



(Dual channel installation instructions)

Product Parameter

Model No.	AR209	Working Mode	AM+RFID
Color	White	Sensing Distance	1.6~2.5m
Material	ABS	Dimension	1540*385*120mm
Humidity	5-95% Non-condensing (+25°C)	Packaging	1590*490*245mm
Working Temperature	-5℃ ~50℃		
AM Parameter			
Frequency	58khz	Operating Voltage	110V/220V
Power Consumption	100W	Rate of Each Antenna	25W
RFID Parameter			
Chip	Impinj E710	Communication Protocol	EPC global C1G2/ISO 18000-6C Chinese Standard GB/T29768-2013 (Expandable support)
Supported Frequency Bands	North America: 902-928MHz FCC(NA, SA) Europe: 865-868MHz (ETSI) China: 920-925MHz (CMIIT) All frequency bands: 860-960MHz(OPEN´)	Communication Interface	RS232/485;WIFI; Ethernet; Bluetooth
		Power supply	DC12V/3A
Antenna Connection	4 SMA interfaces	Maximum Power Consumption	8W(peak), 1.6A@5V, 33dBm
Power	5dBm-33dBm (±1dB adjustable)	Standby Power Consumption	0.735W
Sensitivity	-86dBm @10%BER	Working Mode	Fixed frequency/frequency hopping for option; Single/intensive

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