

# AR3209

## 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:

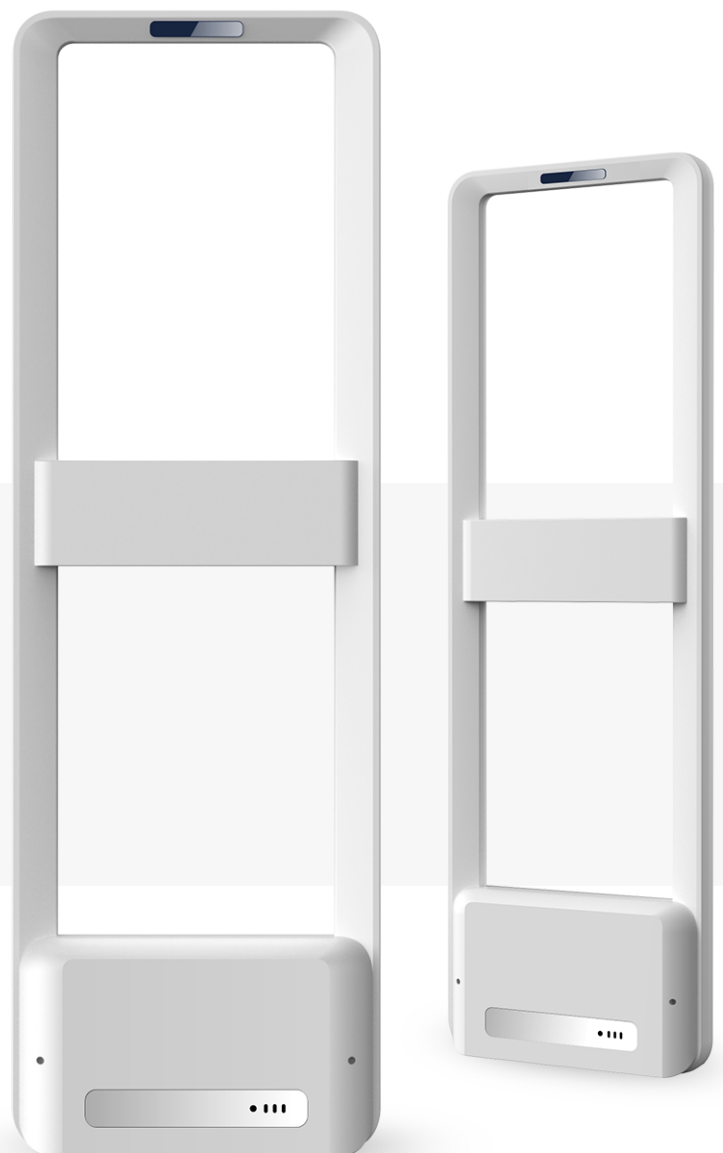
- High Quality ABS Antenna; Exquisite curved design ;
- Completely independent intellectual property design, dual CPU signal processing;
- Supports mobile app access to equipment, online remote control;
- Support judgment of personnel entry and exit, and can do passenger flow statistics;



AM&RFID Hard Tag

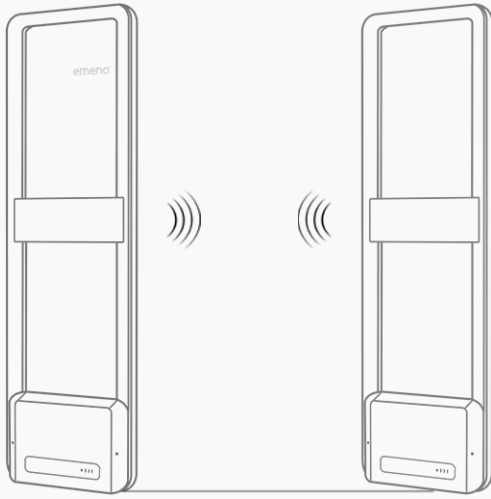


RFID Label



# Channel selection

## Single channel

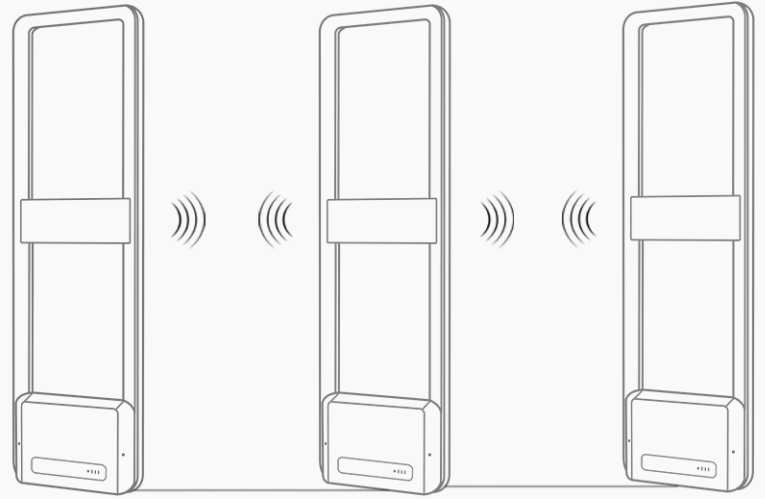


M1

S1

(Single channel)

## Dual channel



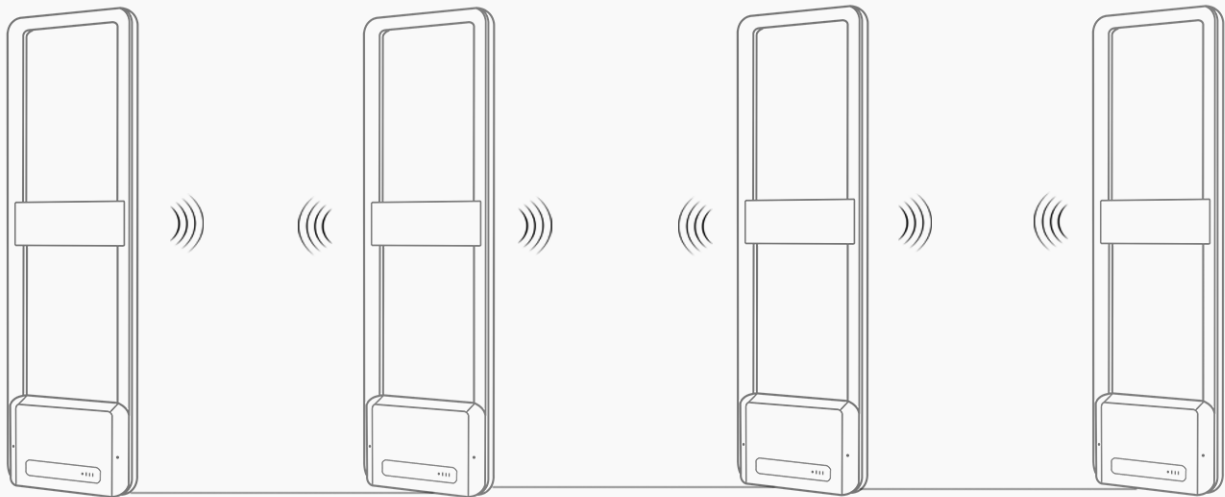
S1

M2

S1

(Dual channel)

## Three channels



S1

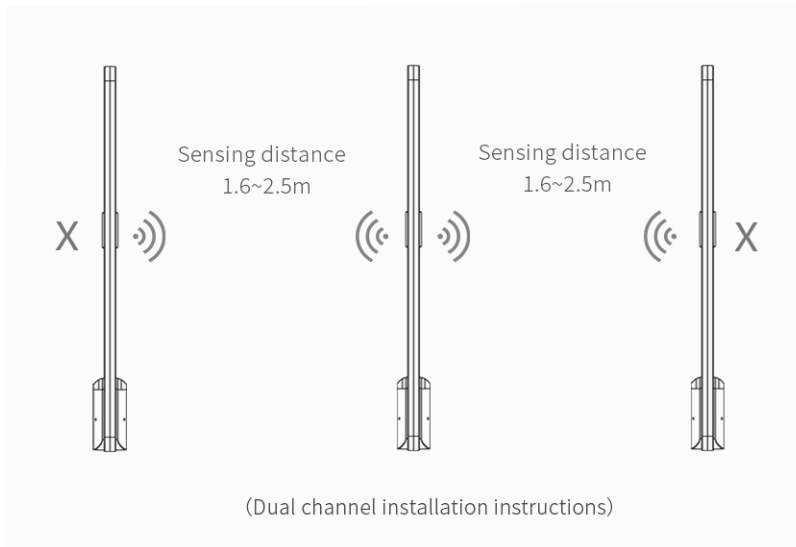
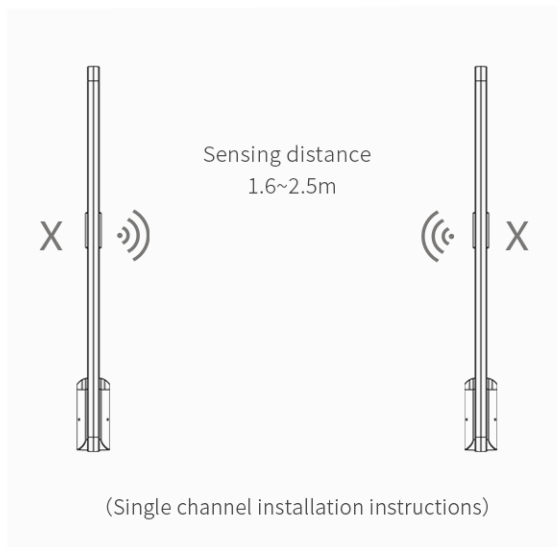
M2

S2

M1

(Three channels)

# Scenario Application



## Product Parameter

Model No.	AR3209	Packaging	1609*604*280mm
Working Mode	AM+RFID	Sensing Distance	1.6~2.5m
Color	White	Supply Voltage	110V/220V
Material	ABS	Working Temperature	-5°C ~50°C
Dimension	1556*504*130mm	Humidity	5-95% Non-condensing (+25°C)
RFID Parameter			
Chip	Impinj E710	Communication Protocol	EPC global C1G2/ISO 18000-6C Chinese Standard GB/T29768-2013 (Expandable support)
Antenna Connection	4 SMA interfaces	Communication Interface	RS232/485;WIFI; Ethernet; Bluetooth
Supported Frequency Bands	North America: 902-928MHz (FCC(NA, SA) Europe: 865-868MHz (ETSI) China: 920-925MHz (CMIIT) All frequency bands: 860-960MHz(OPEN´)	Maximum Power Consumption	8W(peak), 1.6A@5V, 33dBm
Working Mode	Fixed frequency/frequency hopping for option; Single/intensive	Standby Power Consumption	0.735W
Power	5dBm-33dBm (±1dB adjustable)	Sensitivity	-86dBm @10%BER

