

## Product features

High light transmission acrylic design, beautiful appearance;

Adopting DSP digital signal processing technology, it has high alarm rate;

Adopting digital-DMPD (dynamic multi-phase detection) technology, the system works more stably;

Realize synchronization with monitoring through the reserved signal input interface;

Optional system for daily and historical cumulative visitor statistics;

Alarm mode: sound and light alarm;

Multi-channel detection and sub-channel alarm;

Detection channel distance is around 75 cm to 100 cm;

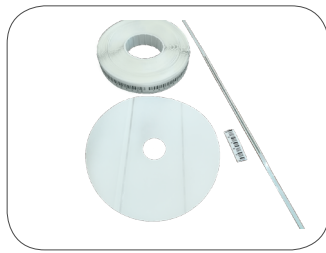
Applicable to various EM labels for both domestic and abroad;

It can be installed in four ways: pre-buried, cut, wire trough, and bottom plate fixed;

## Accessories for utilization



Demagnetizer



EM soft label

EM electromagnetic anti-theft antenna is suitable for applications that require narrow and flat soft tags, such as libraries, bookstores, jewelry stores, etc.

## Host function



① Signal indicator panel; ② Work indicator light; ③ Installation indicator; ④ Signal identification indicator light; ⑤ Working and reference conversion; ⑥ Reference value minus; ⑦ Reference value plus



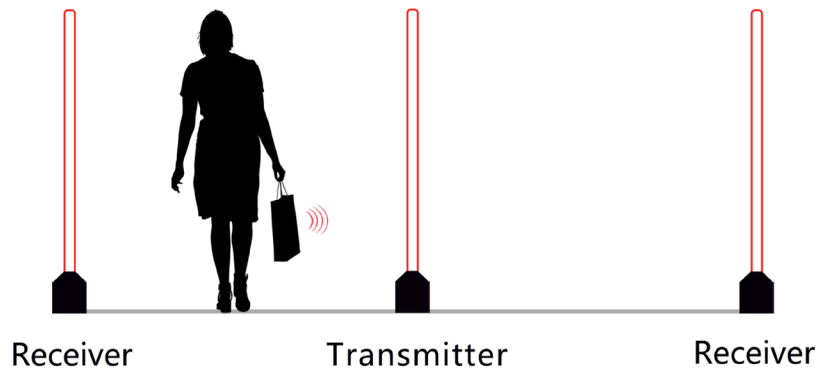
① 220V input voltage, with power switch; ②、③ Reserved interfaces; ④ Used to connect the transmitting antenna; ⑤ Synchronization, used to connect other hosts; ⑥ Used to connect the receiving antenna; ⑦ Alarm buzzer

## Product parameter

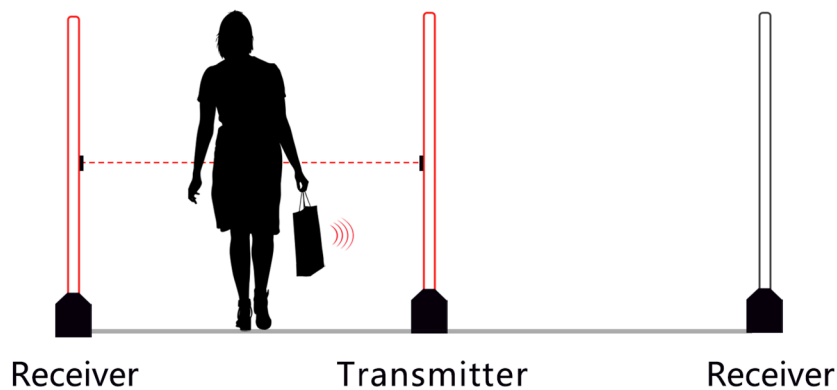
| Model                     | EMC02                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------------|
| System                    | EM electromagnetic                                                                          |
| Frequency                 | 1.042KHZ                                                                                    |
| Material                  | Acrylic+ABS                                                                                 |
| Input voltage             | 220V/AC; 110V/AC                                                                            |
| Output voltage            | AC: Single channel 5V; Dual channel 8V                                                      |
| Output power              | 35W                                                                                         |
| Detection distance        | Height: 5~170cm ; Width: 75~100cm                                                           |
| Mean time between failure | ≥ 80,000 hours                                                                              |
| Signal processing         | Digital -DMPD (Dynamic Multi-Phase Detection) technology, DSP multiple filtering technology |
| Alarm mode                | Sound and light alarm                                                                       |
| Product size              | 1650*590*25mm (Single antenna)                                                              |
| Package size              | 1700*690*180mm (Single antenna)                                                             |
| Net weight / Gross weight | 29KG/34KG (Single antenna)                                                                  |
| Certification             | CE, RoHS                                                                                    |

# Working mode selection

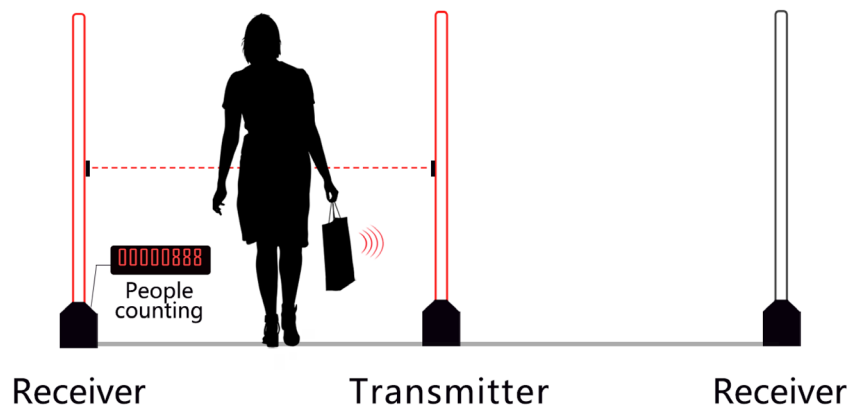
① Without infrared probe: As long as one channel detects a valid tag, all channels will alarm.



② With infrared probe: Only the channel that detects a valid tag to trigger the alarm and the other channel will not alarm.



③ With infrared probe & people counting: Only the channel that detects a valid tag to trigger the alarm, and other channels will not alarm



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