

EAS SYSTEMS CATALOG



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Our Strengths

Excellent detection performance

Century systems with longer detection range protect wide entrances/exits which is important for pleasant customers' experience.

Strong noise immunity

Noise immunity makes the systems to work with acceptable performance in complicated electromagnetic environment.

Easy installation

Installation cost is tremendously reduced by integrating all electronics inside antennas.

High stability

Adopting high quality components and materials and executing high standard of quality control make the systems to be stable and reliable in life time.

Value-added features

Powerful tuning software and optional functions beyond your expectation.

Pleasing appearance

Elegant designs and quality production deliver aesthetically attractive antennas.

Intellectual property

Algorithm, hardware and software are originally developed by Century engineers.

Strong R&D team

100-engineer R&D team working on EAS projects guarantees sustainable development.

Professional service team

Experienced service technicians cooperating with R&D engineers supporting partners around the world 24/7.

World leading ODM and OEM capability

More than 100,000 sqm facilities and 1,000 skilled workers keeping on manufacturing products to meet varieties of partners' demands.

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AM

Systems with Built-in Electronics in Antennas



CA78

Atento Classic

AM

Features:

- Streamlined and robust with ABS frame.
- Replaceable clear acrylic plates for advertisement.
- Intelligent algorithm provides high detection rate with extremely low false alarm possibility.
- Unique system design offers much cost-effective solution for multi-aisle scenario.
- Built-in electronics provides easy installation.
- Varies tuning methods, maximum tuning opportunity for different environment.

Specification:

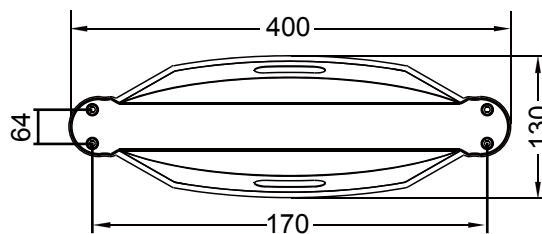
- Central frequency: 58KHz
- Power consumption: 44W max
- Fuse of PSU: 5.0A
- Current: 2.0A@230VAC, 2.0A@120VAC
- Transmitting current: 8 ~ 16 Ao-p
- Environmental: Temperature: 0 C ~ 35 C (32 F ~ 95 F)
Relative humidity: 0 to 85% non-condensing
- Frame color: White or customized
- Lamp: Optional
- Dimension: 1548*400*130mm
- Alarm volume: 45-96dB

Optional Accessory

- Visitor Counter
- Remote Service



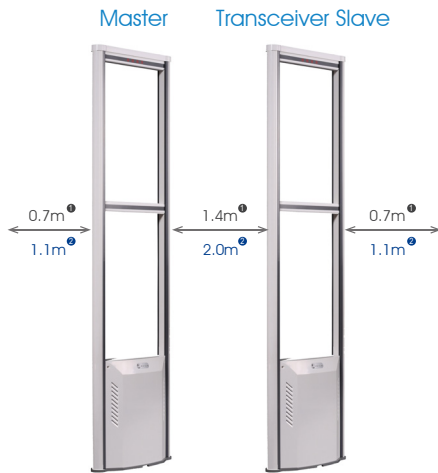
Base:



Product Codes:

CA78LC64	Master antenna, can work independently
CA78LS	Transceiver slave antenna, have to work with CA78LC64
CA78LR	Receiver slave antenna, have to work with CA78LC64 or CA78LS

System Configurations



① Measured with AM label

② Measured with 33mm ferrite hard tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

CA78X

Atento Grand

AM

Features:

- Streamlined and robust with ABS frame.
- Replaceable clear acrylic plates for advertisement.
- Intelligent algorithm provides high detection rate with extremely low false alarm possibility.
- Unique system design offers much cost-effective solution for multi-aisle scenario.
- Better performance for wide aisle protection.
- Built-in electronics provides easy installation.
- Varies tuning methods, maximum tuning opportunity for different environment.

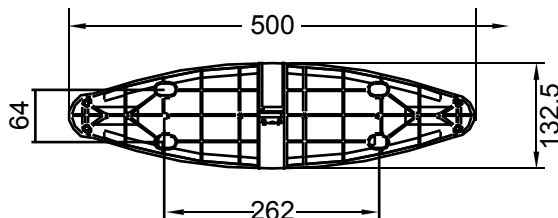
Specification:

- Central frequency: 58KHz
- Power consumption: 44W max
- Fuse of PSU: 5.0A
- Current: 2.0A@230VAC, 2.0A@120VAC
- Transmitting current: 8 ~ 16 Ao-p
- Environmental: Temperature: 0°C ~ 35°C (32°F ~ 95°F)
Relative humidity: 0 to 85% non-condensing
- Frame color: White or customized
- Lamp: Optional
- Dimension: 1599*500*132.5mm
- Alarm volume: 45-96dB

Optional Accessory

- Visitor Counter
- Remote Service

Base:

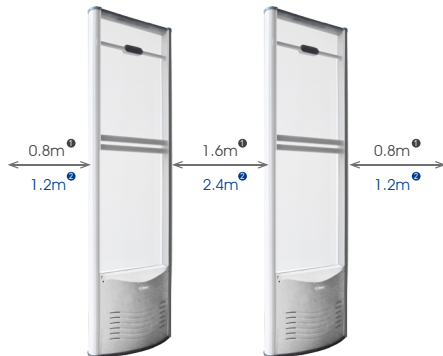


Product Codes:

CA78XC64	Master antenna, can work independently
CA78XS	Transceiver slave antenna, have to work with CA78XC64
CA78XR	Receiver slave antenna, have to work with CA78XC64 or CA78XS

System Configurations

Master Transceiver Slave



Transceiver Slave Master Transceiver Slave



Receiver Slave Transceiver Slave Master Transceiver Slave Receiver Slave



① Measured with AM label

② Measured with 33mm ferrite hard tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

CA79

Vista Classic

AM

Features:

- Transparent acrylic design, discrete and fashion appearance.
- Intelligent algorithm provides high detection rate with extremely low false alarm possibility.
- Unique system design offers much cost-effective solution for multi-aisle scenario.
- Built-in electronics provides easy installation.
- Varies tuning methods, maximum tuning opportunity for different environment.

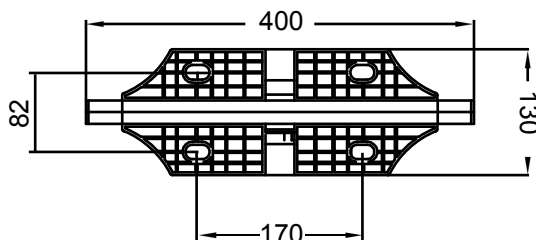
Specification:

- Central frequency: 58KHz
- Power consumption: 44W max
- Fuse of PSU: 5.0A
- Current: 2.0A@230VAC, 2.0A@120VAC
- Transmitting current: 8 ~ 16 Ao-p
- Environmental: Temperature: 0°C ~ 35°C (32°F ~ 95°F)
Relative humidity: 0 to 85% non-condensing
- Frame color: White or customized
- Lamp: Optional
- Dimension: 1600*400*130mm
- Alarm volume: 45-96dB

Optional Accessory

- Visitor Counter
- Remote Service

Base:

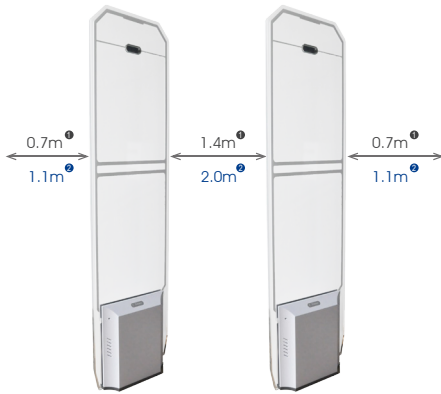


Product Codes:

CA79LC64	Master antenna, can work independently
CA79LS	Transceiver slave antenna, have to work with CA79LC64
CA79LR	Receiver slave antenna, have to work with CA79LC64 or CA79LS

System Configurations

Master Transceiver Slave



Transceiver Slave Master Transceiver Slave



Receiver Slave Transceiver Slave Master Transceiver Slave Receiver Slave



① Measured with AM label

② Measured with 33mm ferrite hard tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

CA79X

Vista Grand

AM

Features:

- Transparent acrylic design, discrete and fashion appearance.
- Intelligent algorithm provides high detection rate with extremely low false alarm possibility.
- Unique system design offers much cost-effective solution for multi-aisle scenario.
- Better performance for wide aisle protection.
- Built-in electronics provides easy installation.
- Varies tuning methods, maximum tuning opportunity for different environment.

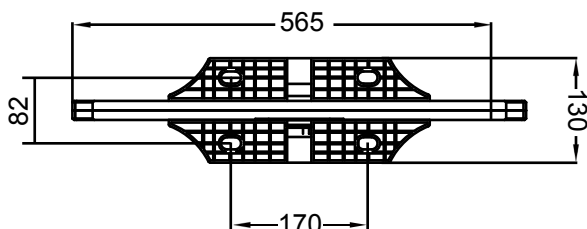
Specification:

- Central frequency: 58KHz
- Power consumption: 44W max
- Fuse of PSU: 5.0A
- Current: 2.0A@230VAC, 2.0A@120VAC
- Transmitting current: 8 ~ 16 Ao-p
- Environmental: Temperature: 0°C ~ 35°C (32°F ~ 95°F)
Relative humidity: 0 to 85% non-condensing
- Frame color: White or customized
- Lamp: Optional
- Dimension: 1600*565*130mm
- Alarm volume: 45-96dB

Optional Accessory

- Visitor Counter
- Remote Service

Base:



Product Codes:

CA79XC64	Master antenna, can work independently
CA79XS	Transceiver slave antenna, have to work with CA79XC64
CA79XR	Receiver slave antenna, have to work with CA79XC64 or CA79XS

System Configurations



① Measured with AM label

② Measured with 33mm ferrite hard tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

CA69

Neon 69 antenna

AM

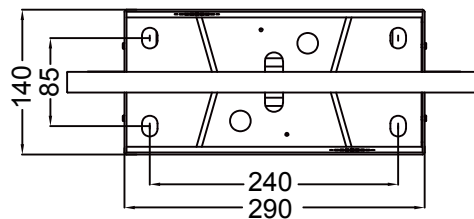
Features:

- Elegant design of antenna blends well with any store decoration
- Acrylic antenna is fully illumined with color light when alarm is triggered
- Advanced DSP technology improves performance & stability
- Tuned with remote controller for contactless adjustment
- Standard Noise Condition Display & Alarm Counter

Specification:

- Central frequency: 58KHz
- Power consumption: 40W
- Power supply: 100-120VAC or 200-240VAC @ 50/60HZ
- Power fuse: 250V/2A
- Environmental: Temperature: 0°C ~35°C (32°F ~ 95°F)
Relative humidity: 0 to 90% non-condensing
- Coil frame color: White or customized
- Alarm light color: Optional
- Dimension: 1605*400*20mm
- Alarm volume: 0-105dB

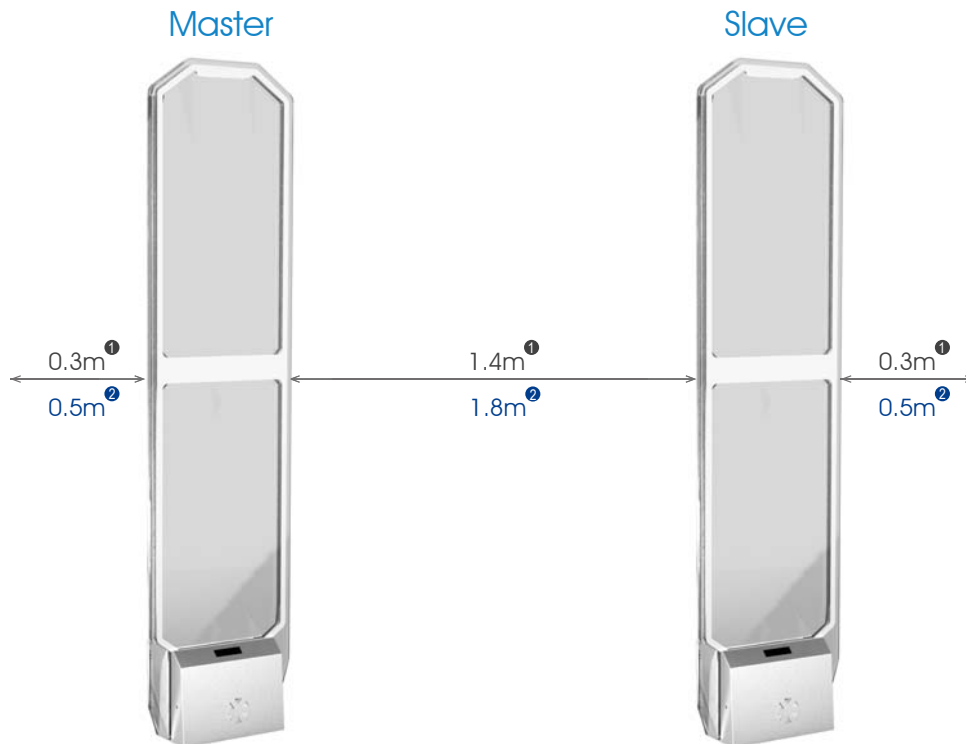
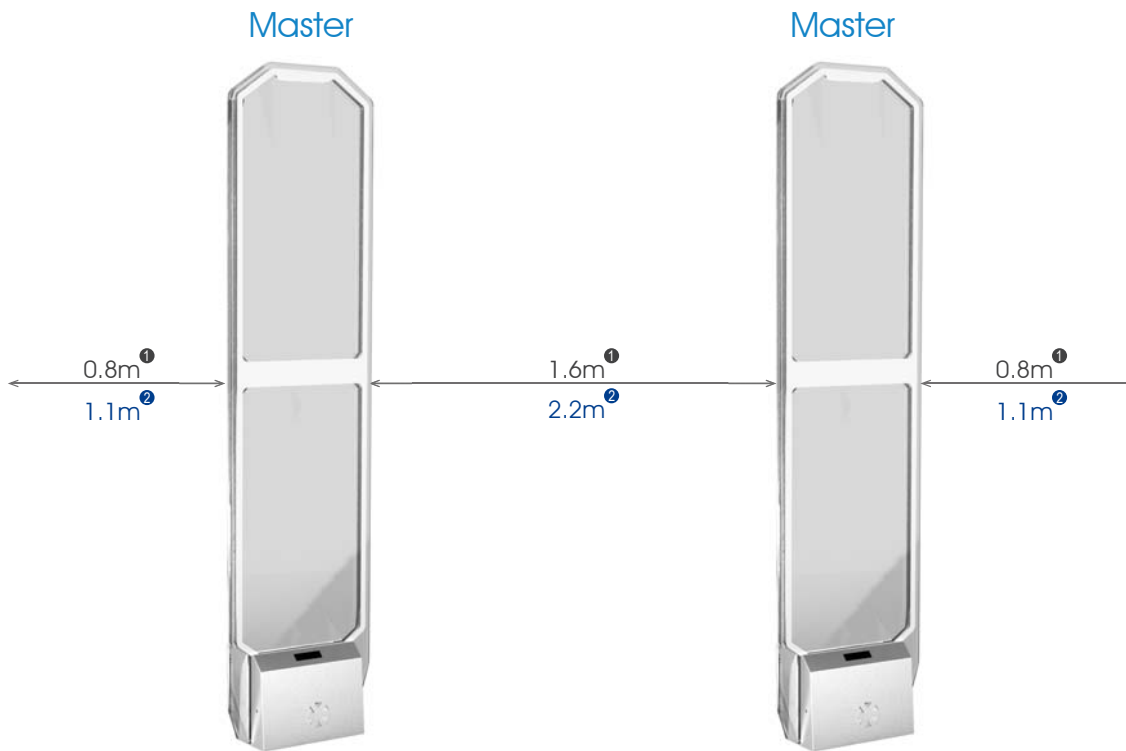
Base:



Product Codes:

CA69	Antenna frame without electronics
CA69-G55	Master antenna
CA69-G55SL	Receiver slave antenna

System Configurations



① Measured with AM label

② Measured with 33mm ferrite hard tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

CA72

Knight 72 antenna

AM

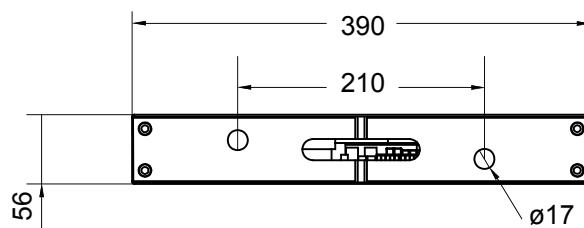
Features:

- Robust structure with grey profile reinforces sense of security
- Acrylic panels for advertising purpose
- Advanced DSP technology improves performance & stability
- Tuned with remote controller for contactless adjustment
- Standard Noise Condition Display & Alarm Counter

Specification:

- Central frequency: 58KHz
- Power consumption: 40W
- Power supply: 110 or 220VAC @ 50/60HZ
- Power fuse: 250V/2A
- Environmental: Temperature: 0°C ~ 35°C (32°F ~ 95°F)
Relative humidity: 0 to 90% non-condensing
- Frame color: Grey
- Alarm light color: Red
- Dimension: 1620*390*59mm
- Advertising area: 1325*335*2mm
- Alarm volume: 0-105dB

Base:



Product Codes:

CA72	Antenna frame without electronics
CA72-G55	Master antenna
CA72-G55SL	Receiver slave antenna

System Configurations



① Measured with AM label

② Measured with 33mm ferrite hard tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.



CHANEL

AM

Systems for Concealed Installation

CA77

Floor antenna

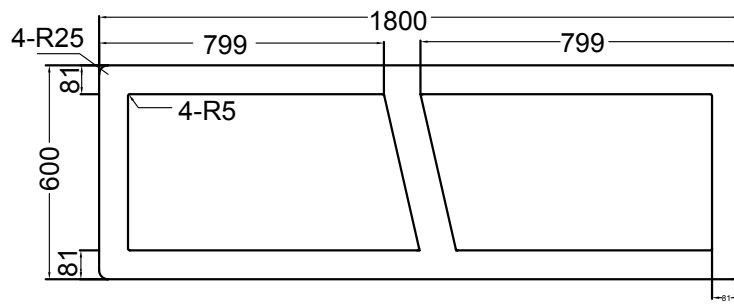


Features:

- High detection height
- Waterproof PVC housing
- Working with separate controller and match box
- Invisibly installed under tiles of floor for more pleasant shopping experience
- Cable kit between antenna and match box shall not be more than 4m
- Cable kit between controller and match box shall not be more than 12m
- Distance between antenna and reinforcing steel bar inside floor shall not be less than 5cm

Specification:

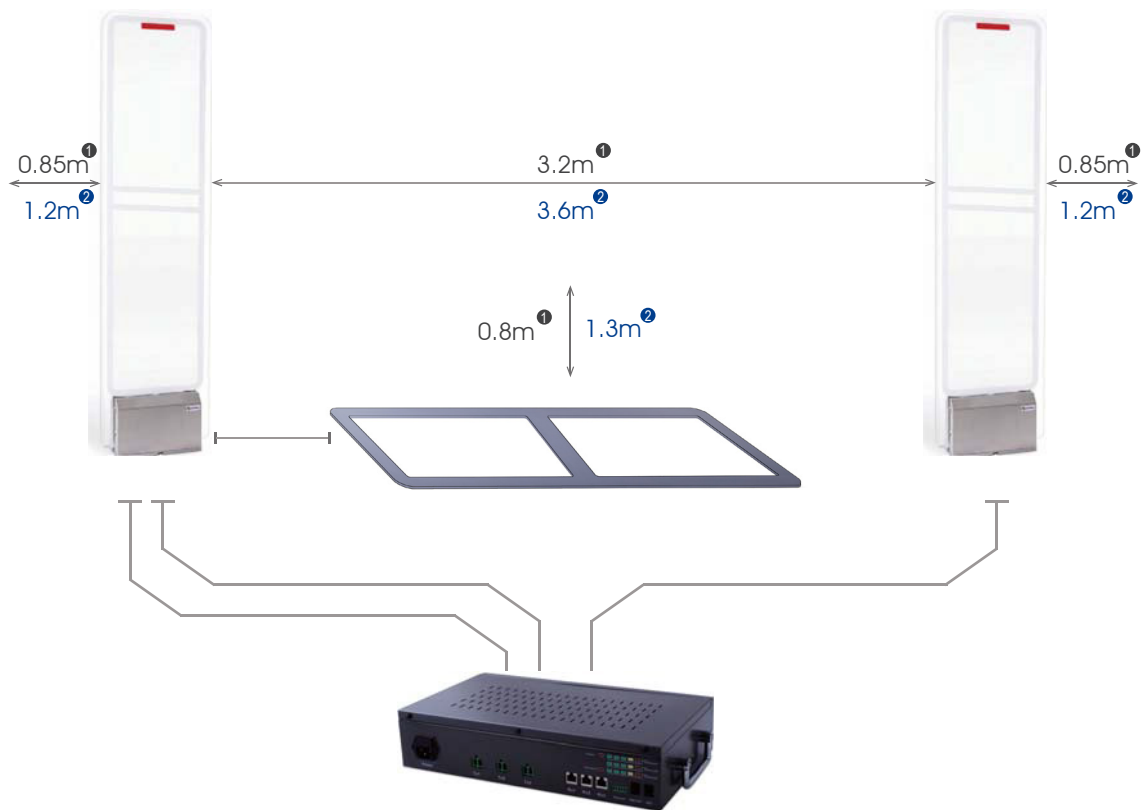
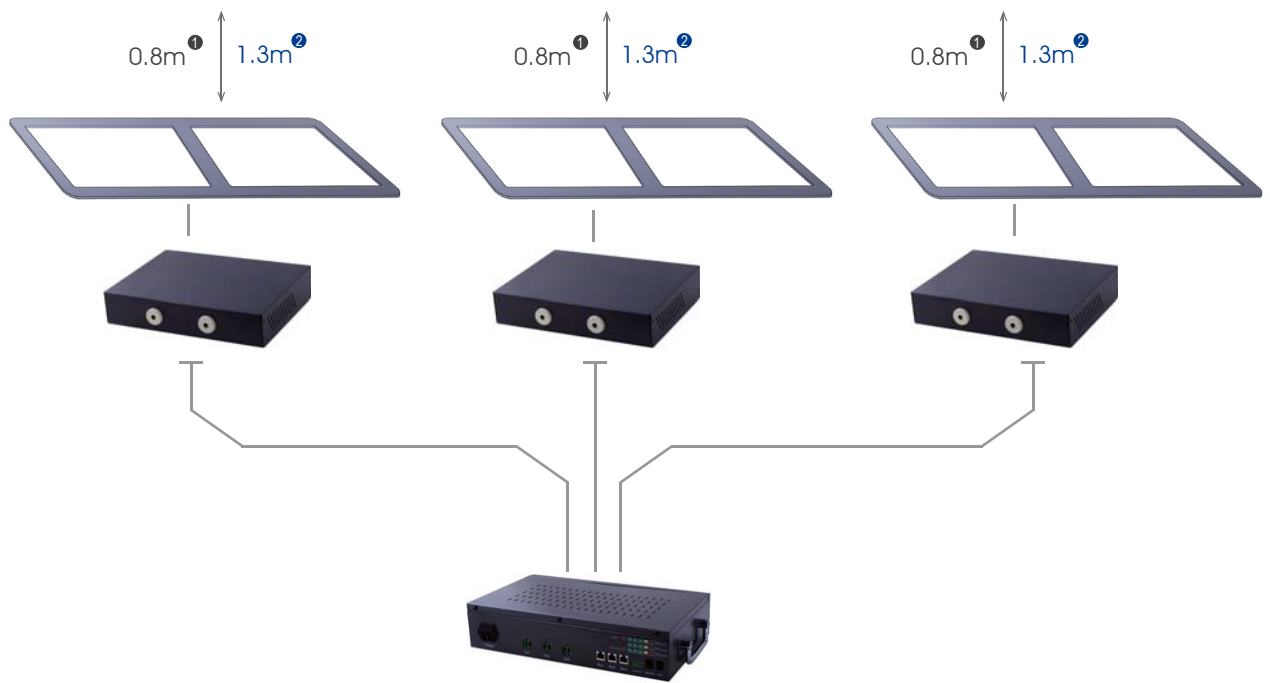
- Central frequency: 58KHz
- Power consumption: 65W max.
- Transmitting current: 8 – 16 Ao-p
- Dimension: 1582*565*25mm
- Weight: 8.5kg
- Color: Grey
- Alarm volume: 0-105dB



Product Codes:

CA77	Floor antenna
CAB63	Match box for floor antenna
CAB64	AM Controller

System Configurations



① Measured with AM label

② Measured with 33mm ferrite hard tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

A close-up photograph of a person's hand pouring liquid from a white bottle into a washing machine. The bottle has a label with Chinese characters and a barcode. The washing machine is dark-colored with a silver handle. The background is blurred, showing a window with blinds.

AM

Deactivator & Accessories

DB112

AM label deactivator

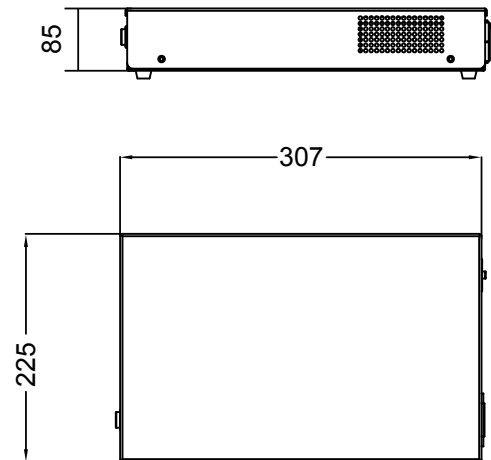
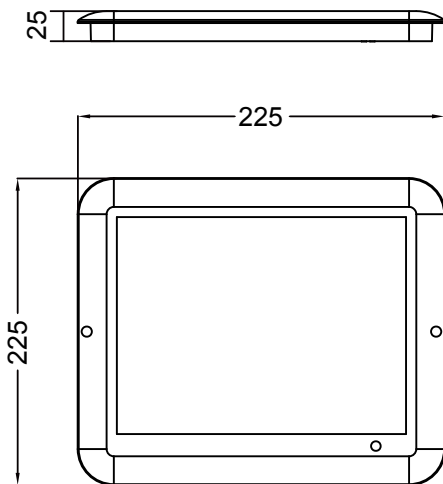


Features:

- Fast response speed with larger deactivation field for high throughput retail environment
- Surface, flush or under-counter mounting options
- Visual and audible indication of active tags
- Selectable modes of Deactivation/Verification or Verification Only.

Specification:

- Central frequency: 58KHz
- Power consumption: 20W max.
- Transmitter current: 0.3A peak
- Transmitter output: 1.67ms
- Deactivation height: 10-13cm
- Detection height: 10-15cm
- Alarm volume: 85-100dB



Product Codes:

DB112	DB112 AM Deactivator
DB112-01	Acrylic Deactivator Pad for DB112
DB112-02	Controller Box for DB112



DB104

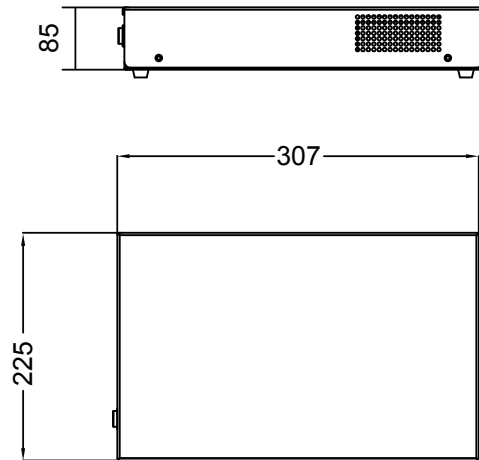
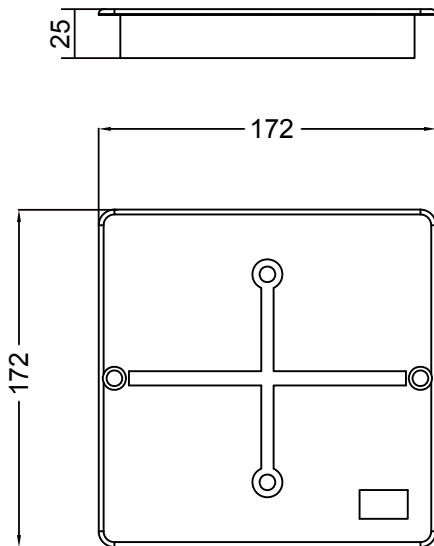
AM label deactivator

Features:

- Compact ABS pad for retail environment with limited space
- Surface, flush or under-counter mounting options
- Visual and audible indication of active tags

Specification:

- Central frequency: 58KHz
- Power consumption: 20W max.
- Transmitter current: 0.3A peak
- Transmitter output: 1.67ms
- Deactivation height: 7-11cm
- Detection height: 10-15cm
- Alarm volume: 85-100dB



Product Codes:

DB104	DB104 AM Deactivator
DB104-01	Deactivator Pad for DB104
DB104-02	Controller box for DB104

DB111

Handheld AM detector



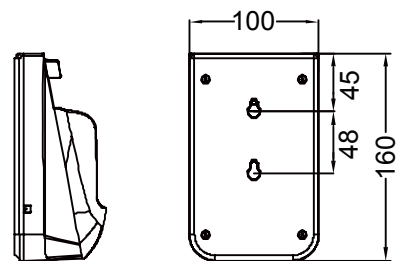
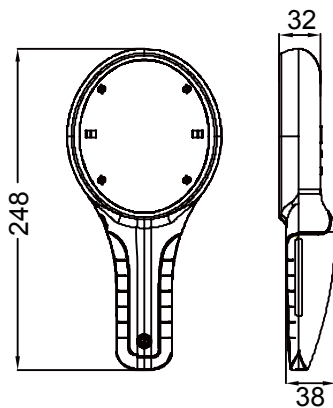
Features:

- Portable handheld detector for contactless body check
- Rechargeable lithium battery
- Visual and audible indication of active tags
- One-key operation



Specification:

- Central frequency: 58KHz
- Power supply: 100~240VAC, 50Hz/60Hz, 0.30A
- Input: 12~15VDC
- Output: 12VDC, 1.25A
- Normal current: <120mA
- Beep current: <200mA
- Detection speed: 120pcs/min
- Detection height: 5-8cm
- Alarm volume: 80dB



Product Codes:

DB111	Handheld AM Detector
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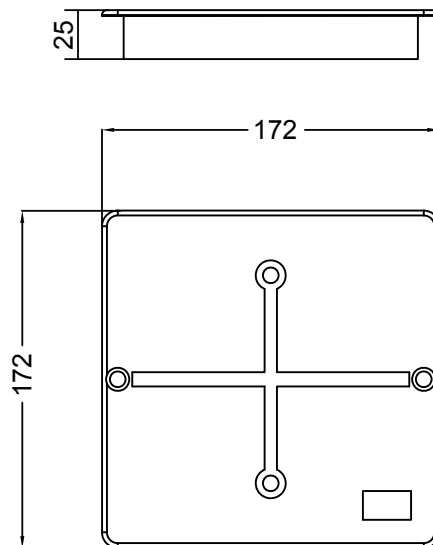


DB105

AM Detector & Decoder

Features:

- Compact size for easy installation
- Visual and audible indication of active tags
- Detects up to 10cm of AM labels and 15cm of hard tags
- Also work to decode 58KHz 4-alarm tags
- Surface, flush or under-counter mounting options
- Alarm volume is 85dB



Product Codes:

DB105

AM Detector and Decoder for 4-Alarm Tags

DB118

AM integrated deactivator

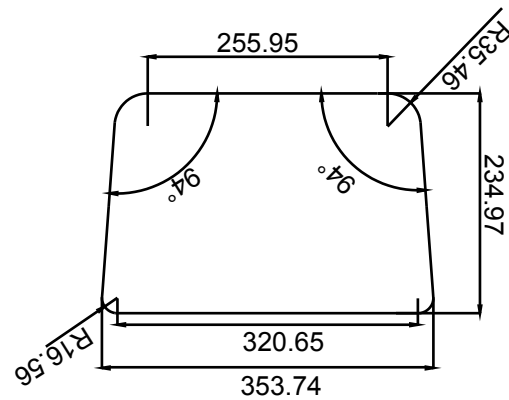
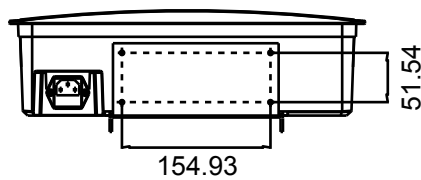
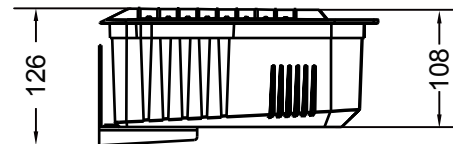
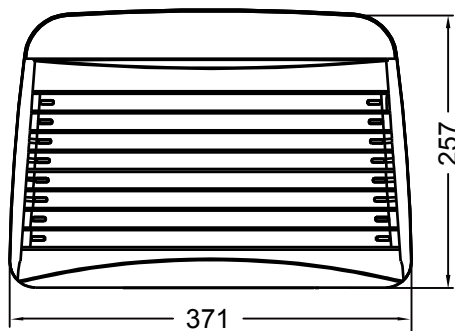


Features:

- Integrated design, easy installation
- Excellent deactivation performance
- Visual and audible indication of active tags
- Flexible installation

Specification:

- Central frequency : 58Khz
- Power consumption : 25W(max)
- Transmitter current :200mA
- Transmitter output :1.67ms
- Deactivation height:12-17cm
- Detection height:12-17cm
- Alarm volume: > 105dB
- Dimension:371*257*108



Product Codes:

DB118	AM integrated deactivator
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MUJI 無印良品

RF Systems



CA02

Aluminum antenna

RF

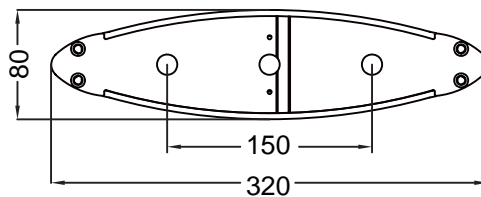
Features:

- Compact and fashionable design
- Aluminum frame with transparent acrylic panel for advertising
- Easy to install and operate
- Advanced DSP technology improves performance & stability
- Adjustable alarm sound volume

Specification:

- Central frequency: 8.2MHz
- Power consumption: 15W
- Working voltage: 19VDC(Mono); 24VDC(Dual)
- Environmental: Temperature: 0°C ~ 35°C (32°F ~ 95°F)
Relative humidity: 0 to 90% non-condensing
- Frame color: Grey or customized
- Alarm light color: Red or blue
- Dimension: 1620*320*80mm
- Alarm volume: 0-105dB

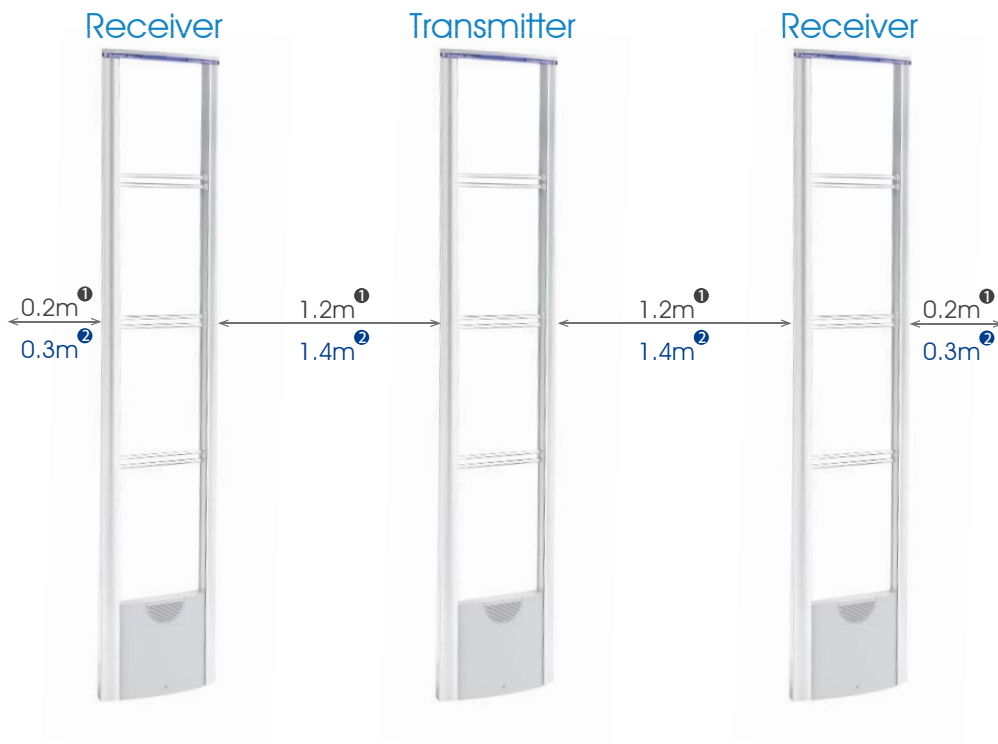
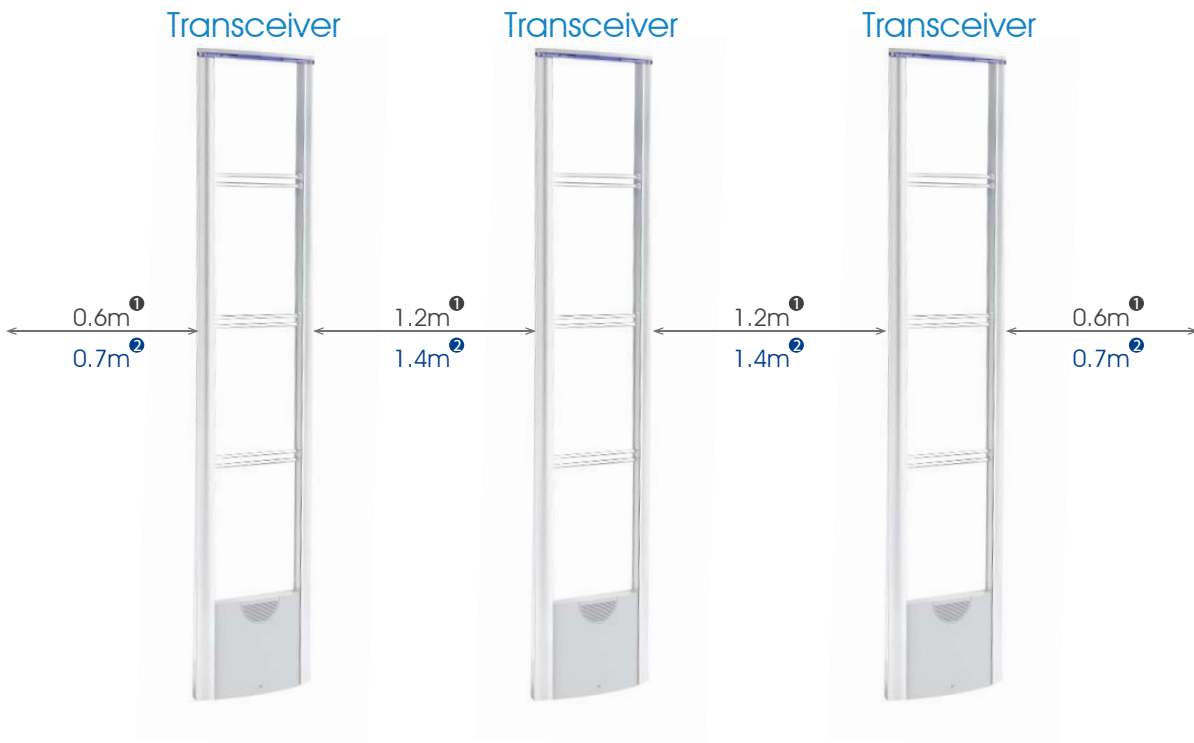
Base:



Product Codes:

CA02	Antenna frame without electronics
CA02/F2-G04A	Mono RF system
CA02-G07	Dual RF system

System Configurations



① Measured with 4040 RF label

② Measured with mini square tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

CA35

Mercury Classic

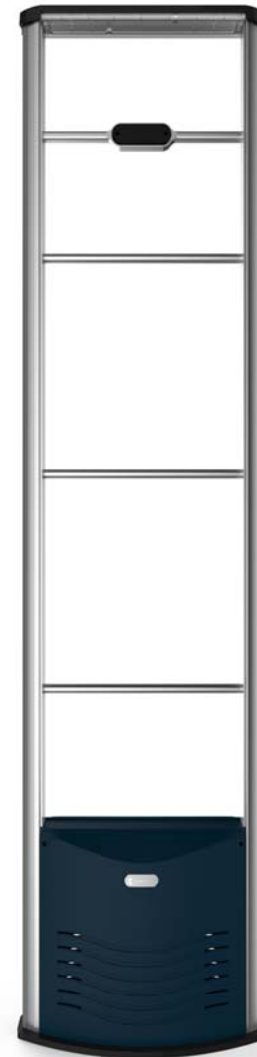
RF

Features:

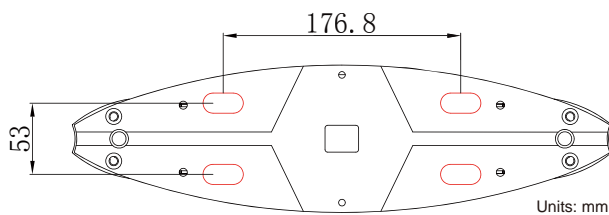
- Compatible with RF Mono or Dual electronic boards
Save investment in inventory of pedetal
- Unique signal identification and memory functions for Dual;
Genuine DSP technology for Mono
Enhance anti-interference and lower false alarm
- First-class anodized aluminum frame and ABS antenna base
Bring aesthetic value for stores
- Upgraded robust antenna base design for solid installment
- Optional Function Module:
Visitor counter(Data analysis software available);
Advertising panel;
Optional LED in three color
Metal detection (Dual);
Anti-collision bar

Specification:

- Centre frequency: 8.2MHz
- Power consumption: 24W(Mono) 18W(Dual)
- Working voltage:18VAC/24VDC(Mono) 12VDC(Dual)
- Current: 0.1A@230VAC, 0.2A@120VAC
- Environmental:
Temperature: 0°C ~ 35°C (32°F ~ 95°F)
Relative humidity: 0 to 85% non-condensing
- Lamp: Optional(Red/ Green/ Blue)
- Dimension: 1670×401×109mm
- Advertising Panel: 1409×328×2mm
- Alarm volume: Up to 100dB (Mono)
95dB (Dual)
- Application: Supermarkets



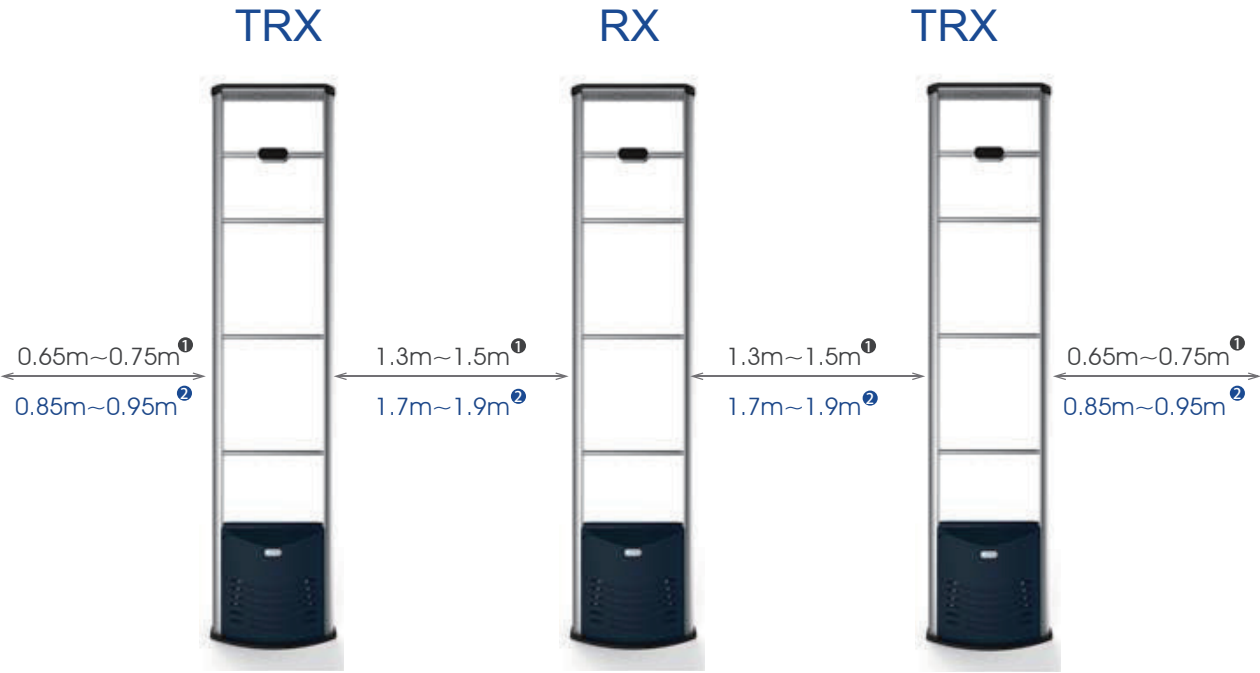
Base:



Product Codes:

CA35	Antenna frame without electronics
CA35-G08/F1	Mono RF system
CA35-G07	Dual RF system

System Configurations



① Measured with 4040 RF label

② Measured with mini square tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

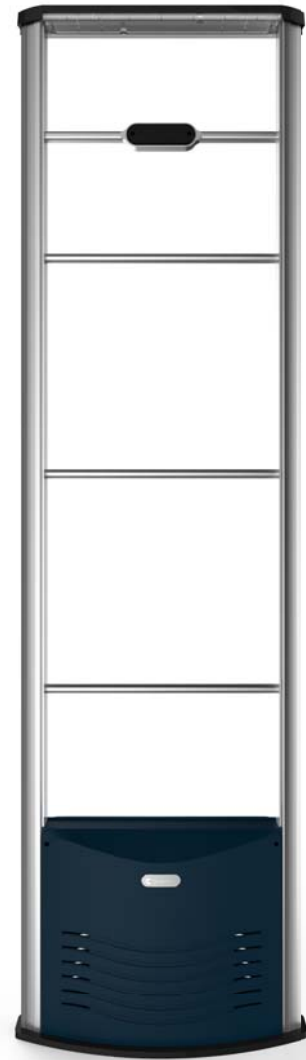
CA35X

Mercury Grand



Features:

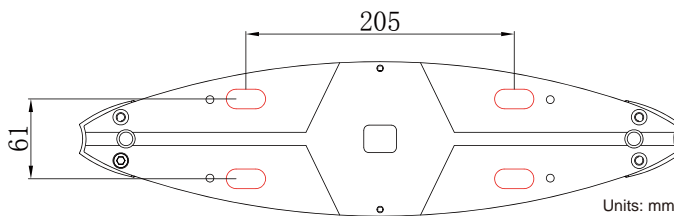
- **Compatible with RF Mono or Dual electronic boards**
Save investment in inventory of pedetal
- **Unique signal identification and memory functions for Dual ;
Genuine DSP technology for Mono**
Enhance anti-interference and lower false alarm
- **First-class anodized aluminum frame and ABS antenna base**
Bring aesthetic value for stores
- **Upgraded robust antenna base design for solid installment**
- **Optional Function Module:**
Visitor counter(Data analysis software available);
Advertising panel;
Optional LED in three color
Metal detection (Dual);
Anti-collision bar



Specification:

- Centre frequency: 8.2MHz
- Power consumption: 24W(Mono) 18W(Dual)
- Working voltage:18VAC/24VDC(Mono) 12VDC(Dual)
- Current: 0.1A@230VAC, 0.2A@120VAC
- Environmental:
Temperature: 0°C ~ 35°C (32°F ~ 95°F)
Relative humidity: 0 to 85% non-condensing
- Lamp: Optional(Red/ Green/ Blue)
- Dimension: 1670×459×118mm
- Advertising Panel: 1407×384×2mm
- Alarm volume: Up to 100dB (Mono)
95dB (Dual)
- Application: Supermarkets

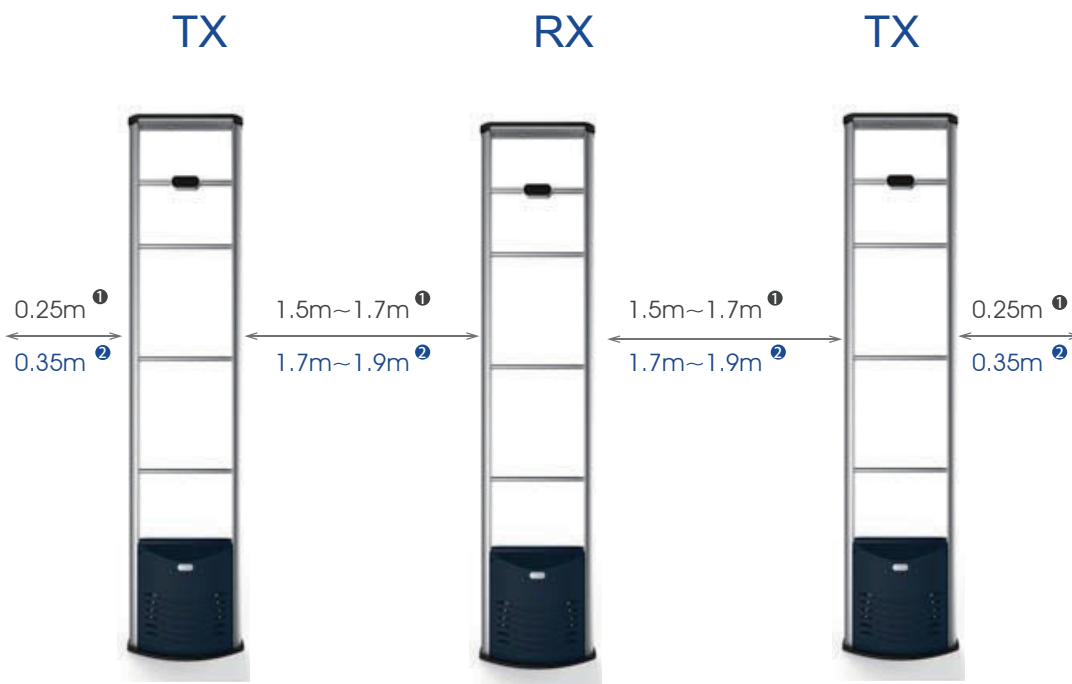
Base:



Product Codes:

CA35X	Antenna frame without electronics
CA35X-G08/F1	Mono RF system
CA35X-G07	Dual RF system

System Configurations



- ① Measured with 4040 RF label
- ② Measured with mini square tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

CA36

Venus Classic

RF

Features:

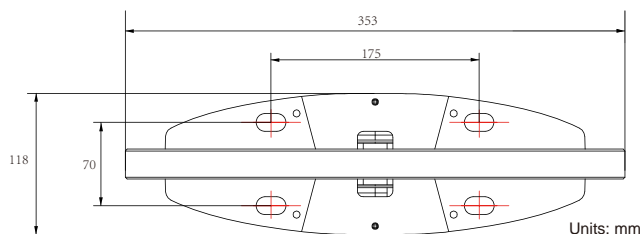
- **Compatible with RF Mono or Dual electronic boards**
Save investment in inventory of pedestal
 - **Unique signal identification and memory functions for Dual; Genuine DSP technology for Mono**
Enhance anti-interference and lower false alarm
 - **Transparent acrylic plate and ABS antenna base**
Free of yellowing and bending
 - Bring aesthetic value for stores
 - **Upgraded robust antenna base design for solid installation**
- Optional Function Module:**
 Visitor counter(Data analysis software available);
 Optional LED in three color;
 Anti-collision bar

Specification:

- Centre frequency: 8.2MHz
- Power consumption: 24W(Mono) 18W(Dual)
- Working voltage: 18VAC/24VDC(Mono) 12VDC(Dual)
- Current: 0.1A@230VAC, 0.2A@120VAC
- Environmental:
Temperature: 0°C ~ 35°C (32°F ~ 95°F)
Relative humidity: 0 to 85% non-condensing
- Lamp: Optional(Red/ Green/ Blue)
- Dimension: 1655×353×118mm
- Alarm volume: Up to 100dB (Mono)
95dB (Dual)
- Application: Fashion Stores



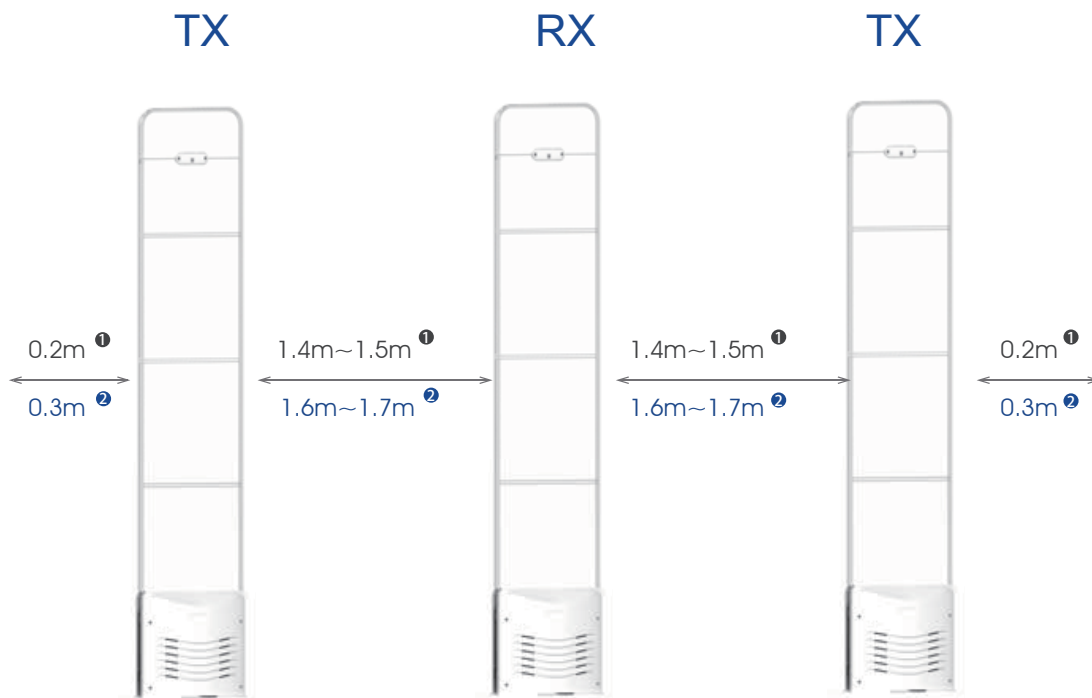
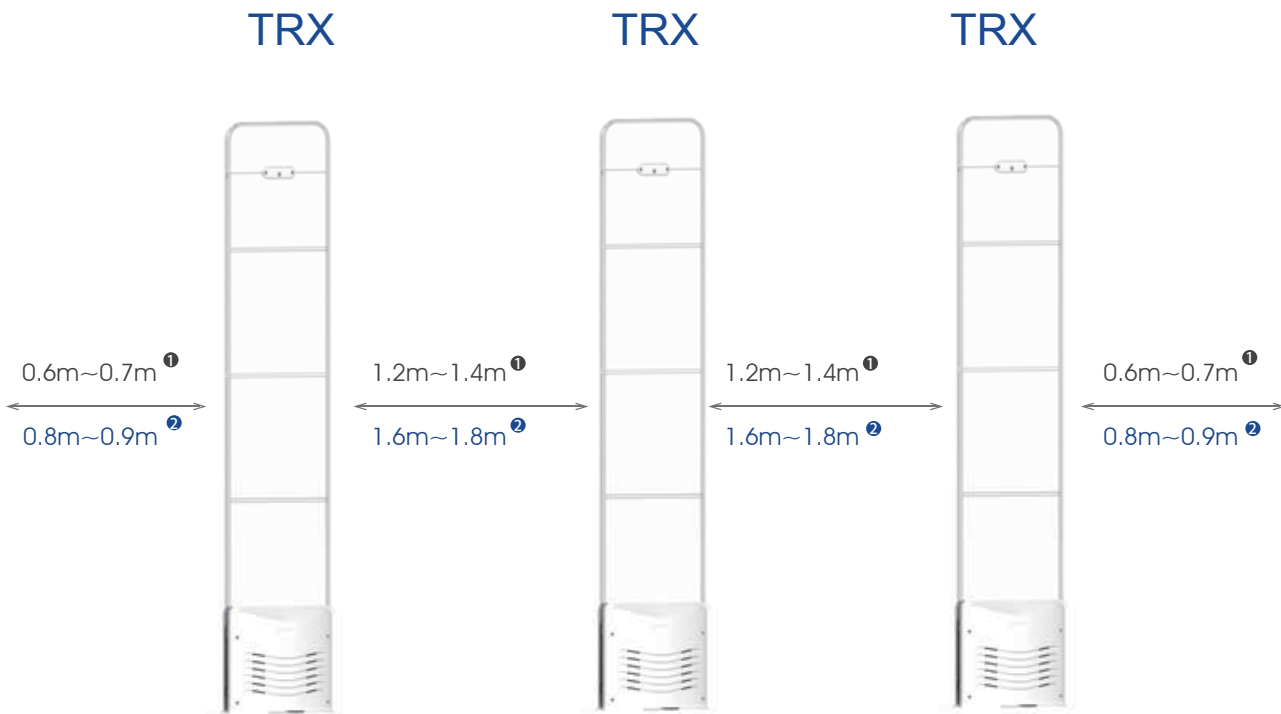
Base:



Product Codes:

CA36	Antenna frame without electronics
CA36-G08/F1	Mono RF system
CA36-G07	Dual RF system

System Configurations



① Measured with 4040 RF label

② Measured with mini square tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

CA36X

Venus Grand



Features:

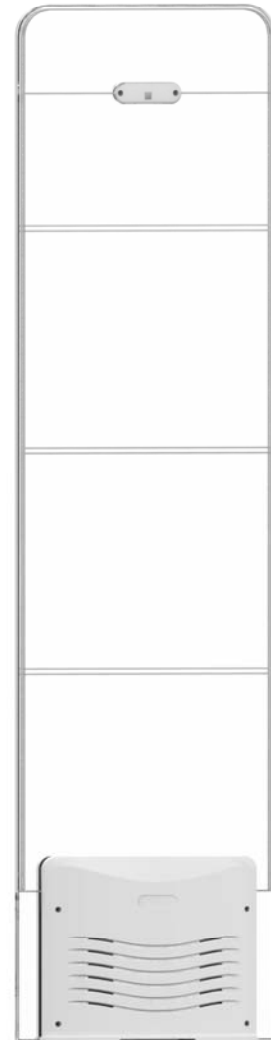
- **Compatible with RF Mono or Dual electronic boards**
Save investment in inventory of pedestal
- **Unique signal identification and memory functions for Dual; Genuine DSP technology for Mono**
Enhance anti-interference and lower false alarm
- **Transparent acrylic plate and ABS antenna base**
Free of yellowing and bending
Bring aesthetic value for stores
- **Upgraded robust antenna base design for solid installation**

Optional Function Module:

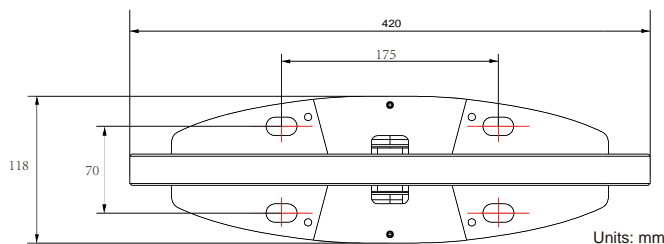
- Visitor counter(Data analysis software available);
- Optional LED in three color;
- Anti-collision bar

Specification:

- Centre frequency: 8.2MHz
- Power consumption: 24W(Mono) 18W(Dual)
- Working voltage: 18VAC/24VDC(Mono) 12VDC(Dual)
- Current: 0.1A@230VAC, 0.2A@120VAC
- Environmental:
Temperature: 0 C ~ 35 C (32 F ~ 95 F)
Relative humidity: 0 to 85% non-condensing
- Lamp: Optional(Red/ Green/ Blue)
- Dimension: 1655×420×118mm
- Alarm volume: Up to 100dB (Mono)
95dB (Dual)
- Application: Fashion Stores



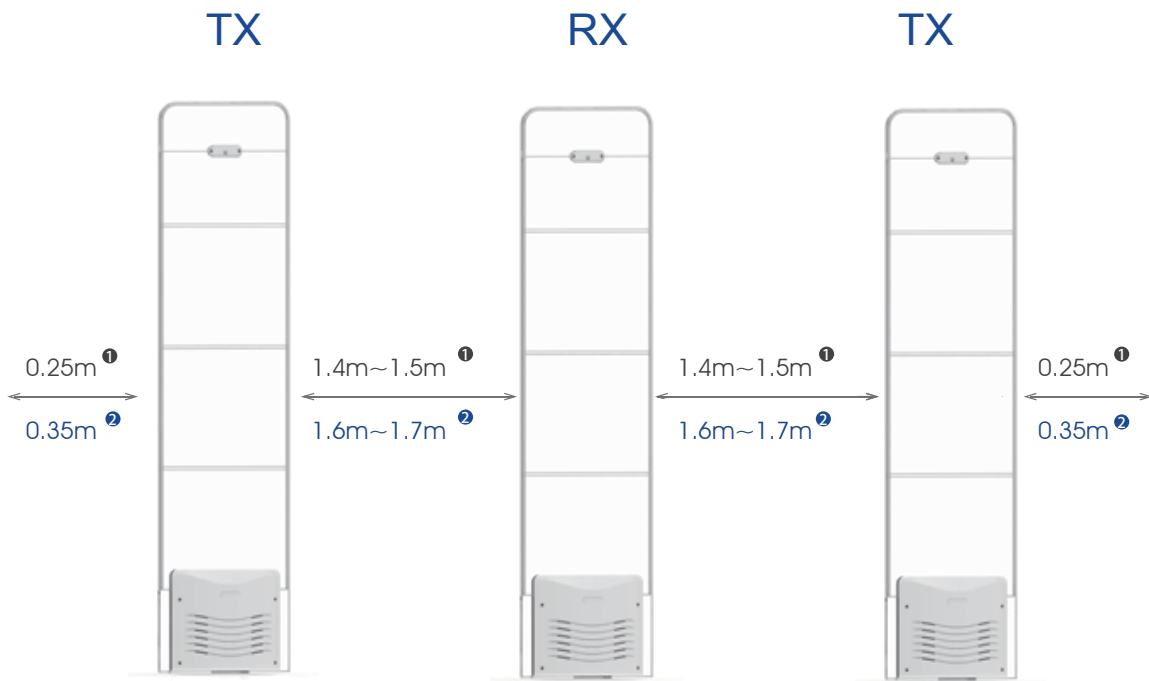
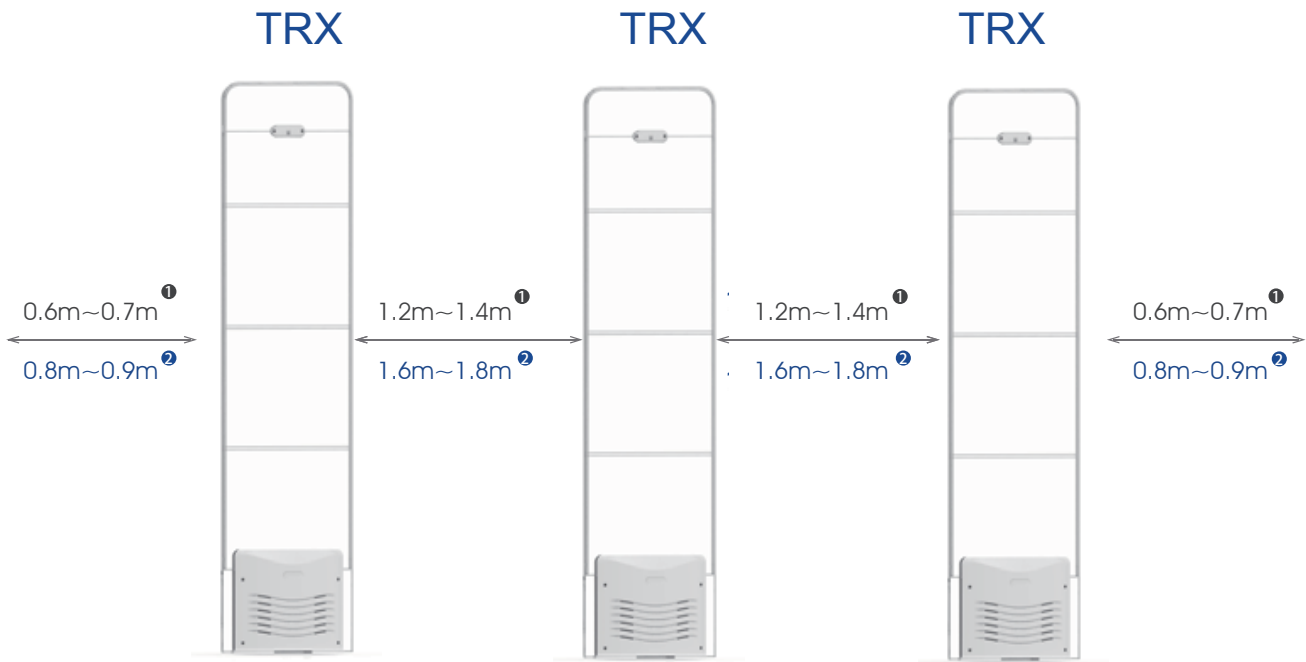
Base:



Product Codes:

CA36X	Antenna frame without electronics
CA36X-G08/F1	Mono RF system
CA36X-G07	Dual RF system

System Configurations



- ① Measured with 4040 RF label
- ② Measured with mini square tag

*Detection range varies depending on quality of power source, level of noise, quality of tags/labels and tuning skill.

A hand is holding a pink rectangular box over a black rectangular device with a blue light. The background is a blurred retail store with shelves and signs. The word 'SELECTIVE' is visible on a sign in the background. The device has a blue light emanating from it, and the hand is positioned as if about to place the box on it.

RF

Deactivator & Accessories



DB212A

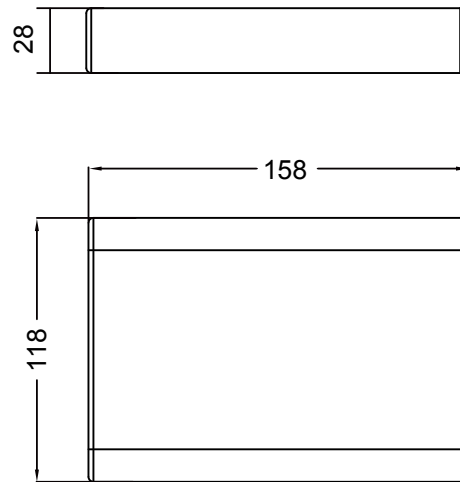
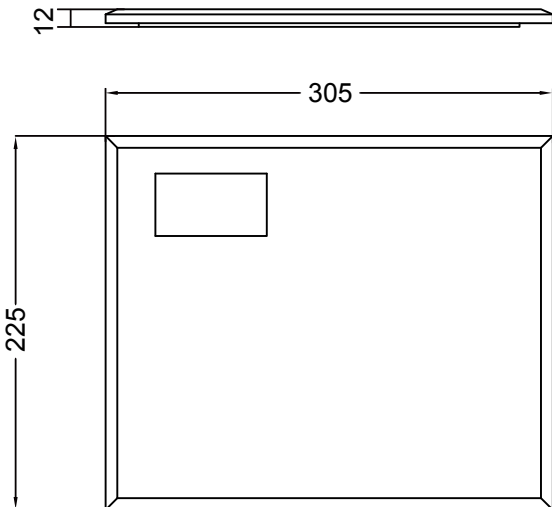
RF label deactivator

Features:

- Excellent deactivation reliability
- Easy installation and operation
- One controller connects up to 2 deactivation pads
- Adjustable buzzer volume
- Detects labels before deactivation
- Audible and visual indication for verification and deactivation

Specification:

- Central frequency: 8.2MHz
- Input: 12~15VDC
- Output: 12VDC, 1.25A
- Beep current: <200mA
- Deactivation speed: 120pcs/min
- Detection height: 20cm
- Deactivation height: 15cm
- Alarm volume: 80dB



Product Codes:

DB212/2A	RF Deactivator with Two Pads (DB202-A) and PSU
DB212-01	Controller Box with PSU
DB212-A	Deactivator Pad

DB212B

RF label deactivator

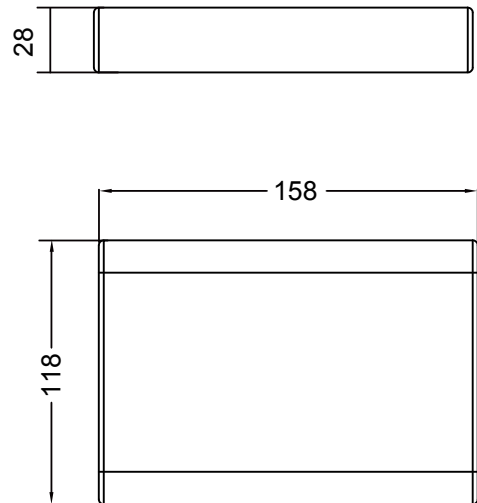
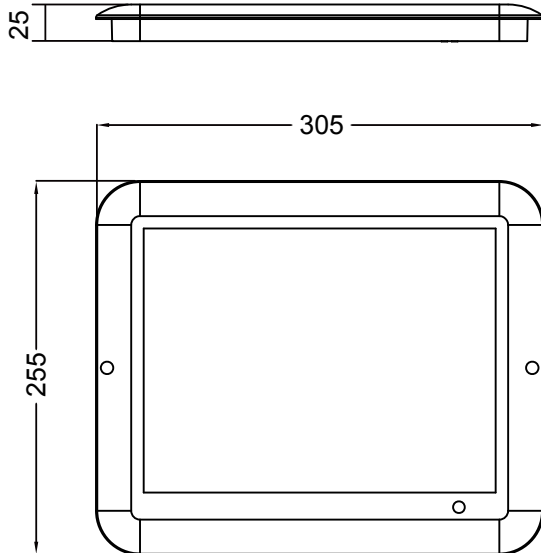
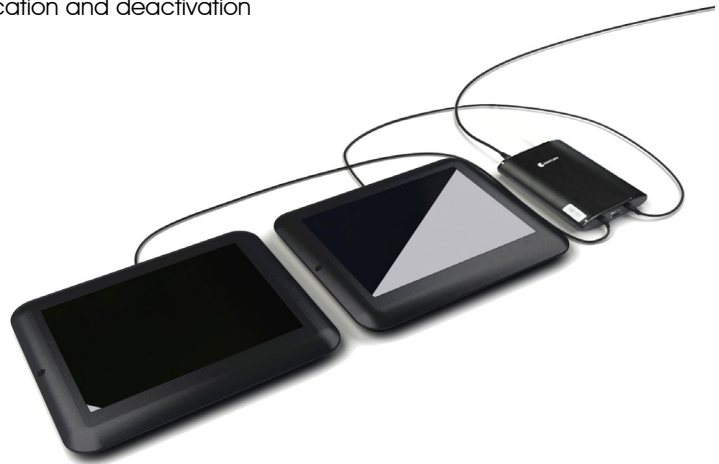
RF

Features:

- Excellent deactivation reliability
- Easy installation and operation
- One controller connects up to 2 deactivation pads
- Adjustable buzzer volume
- Detects labels before deactivation
- Audible and visual indication for verification and deactivation

Specification:

- Central frequency: 8.2MHz
- Input: 12~15VDC
- Output: 12VDC, 1.25A
- Beep current: <200mA
- Deactivation speed: 120pcs/min
- Detection height: 20cm
- Deactivation height: 15cm
- Alarm volume: 80dB



Product Codes:

DB212/2B	RF Deactivator with Two Acrylic Pads (DB202-B) and PSU
DB212-01	Controller Box with PSU
DB212-B	Acrylic Deactivator Pad

DB204

Handheld deactivator



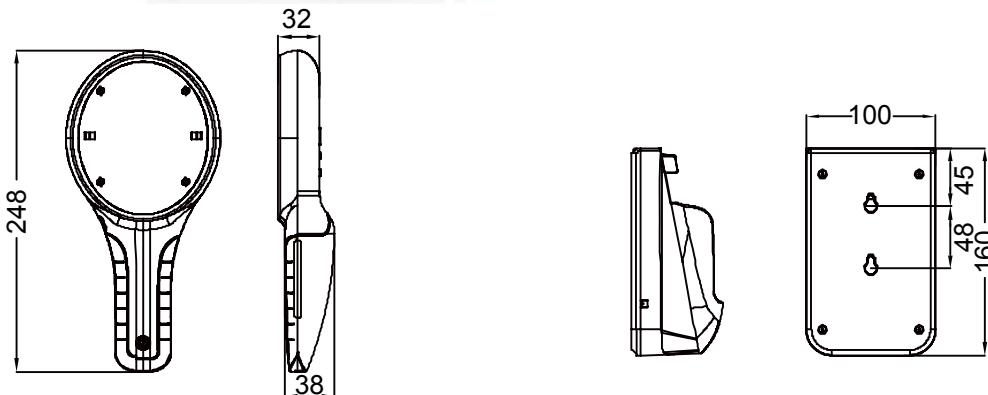
Features:

- Portable handheld detector for contactless body check
- Rechargeable lithium battery
- Visual and audible indication of active tags
- Selectable modes of Deactivation/Verification or Verification only
- One-key operation



Specification:

- Central frequency: 8.2MHz
- Input: 12~15VDC
- Output: 12VDC, 1.25A
- Beep current: <200mA
- Deactivation speed: 120pcs/min
- Detection height: 5-8cm
- Deactivation height: 5cm
- Alarm volume: 80dB



Product Codes:

DB204	Portable device with combined detection& deactivation
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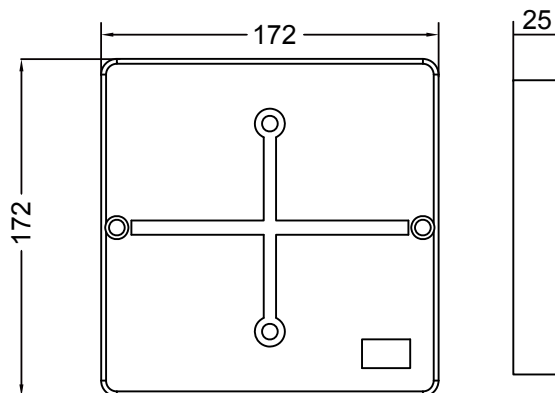
DB211

RF Detector

RF

Features:

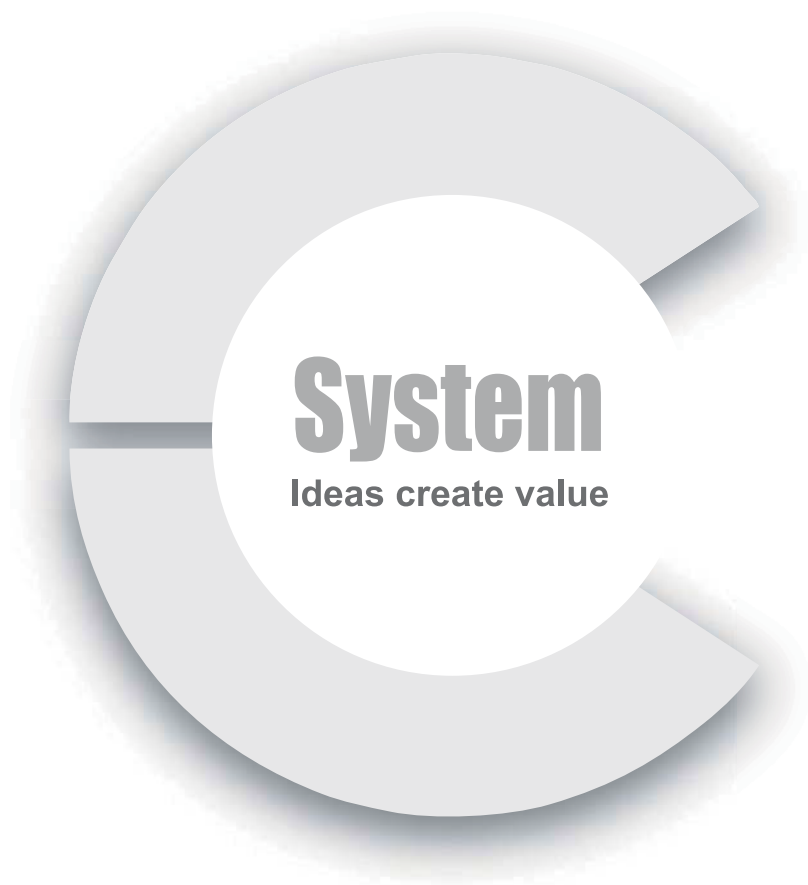
- Compact size for easy installation
- Visual and audible indication of active tags
- Detects up to 10cm
- Surface, flush or under-counter mounting options
- Alarm volume: 80dB



Product Codes:

DB211

RF Detector



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