



EAS Systems Product Catalog

*Focusing on IoT
Driven Digitalization Across Industries*

2026

Hangzhou Century Co., Ltd.

About Century

Hangzhou Century Co., Ltd was established in November, 2003 and listed on Shenzhen (China) Stock Exchange in April, 2010 (Stock Short Name: “思创智联”, Stock Code: 300078.SZ).

Century serves as a well-known brand in the Retail Industry, which is the earliest listed company in the Electronic Article Surveillance (EAS) Industry in China. Century also specializes in Radio Frequency Identification System (RFID) standardization, as well as the development and services of customized hardware products and industry application solutions.

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Cloud-based All-in-one Retail Service Platform

SMART Loss PREVENTION, Security and Monitoring, Data Analytics,

INCREASE PROFIT, Reduce Cost

V-Station system is a user-friendly comprehensive IoT platform, which satisfies the most valued functionalities of the existing EAS solutions in the market.

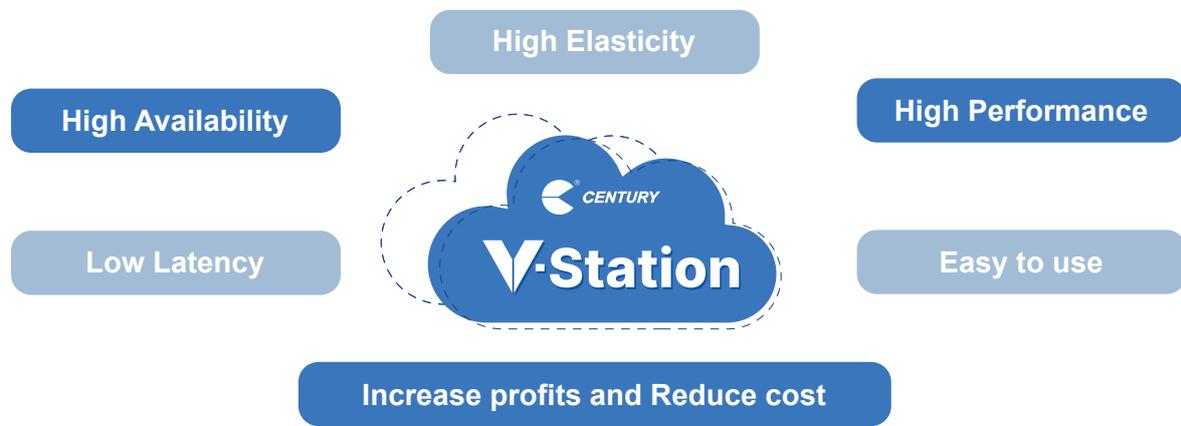
The system could satisfy BOTH security and data analytics needs for the retail stores. This intelligent and flexible solution is built-in to support the different types of retail business.

The platform is designed based on the state-of-art Software as a Service (SaaS) and Big Data concepts. It can be deployed to both Public and Private Clouds with different architecture to meet the customers' requirements.

It may be your best partner if you are searching for an integrated solution for EAS related applications adaptable to every size of commercial structures.



What can V-Station provide you?



<p>High Availability</p> <p>High Availability for all types of Commercial Structures</p>	<p>High Elasticity</p> <p>Extendable depending on customers' demands (+10.000 devices)</p>	<p>High Performance</p> <p>High Performance and Security</p>
<p>Low Latency</p> <p>Real-time Data provider</p>	<p>Increase profits and Reduce cost</p> <p>Provide Business Insights</p>	<p>Easy to use</p> <p>Designed to provide an unforgettable user experience</p>

And how?

- ▲ Big Data & Cloud computing
- ▲ Long-term Data storage
- ▲ Real-time Data provider: Devices status, Visitor flow, Alarm
- ▲ Online Device management
- ▲ Smart Data analytics
- ▲ Data comparison & rankings visualization
- ▲ Initiatively Device and Alarm events notification
- ▲ Strong Multi role hierarchy
- ▲ Customizable business structure and devices location





RF SYSTEMS

RF Antenna CA39L

RF Systems, Premium Series



FEATURES

AQUA & ONYX (CA39L), Century's latest RF Antennas with its innovative metal and acrylic design, enhances the store's premium appearance while ensuring long-lasting durability and resistance to bending. The new structure significantly improves RF tag detection performance on acrylic and supports cascade installation to protect aisles up to 1.7 meters wide without interference. With flexible tuning options via software, mobile app, or the Century Cloud V-station, it provides smarter, easier on-site support - giving retailers an ideal combination of performance, elegance, and reliability.

- ▲ **Premium & Durable Design**
Metal and acrylic structure delivers a high-end look with long-lasting rigidity
- ▲ **Superior Detection Performance**
Covers aisles up to 1.7m with enhanced RF label sensitivity and interference resistance
- ▲ **Smart & Flexible Control**
Easy tuning via software, mobile APP, or remote management through Century Cloud V-station



CA39L AQUA

CA39L ONYX

SPECIFICATIONS

- ▲ Central Frequency: 8.2 MHz
- ▲ Detection Distance: 2.6 m
Maximum detection distance between 2 antennas
- ▲ Power Supply: 24VDC
- ▲ Power Consumption: <40 W
- ▲ Size: 400*1600*131 mm

*Detection exact aisle width depending on installation environment conditions.



Mercury Classic CA35L (Mono)



STANDARD SERIES

FEATURES

Mercury Classic (Mono) CA35L-G09 is a standard Mono RF antenna designed for applications in all retail stores. Besides the functional features of Century Mono RF systems, Mercury Classic (Mono) antenna has its own characteristics.

- ▲ Fully integrated design with all electronics, including possible add-ons, inside base of the antenna
- ▲ Embedded APP debugging Module enhances remote service, quick response, saving time and labor
- ▲ Standard detection range on both sides of the antenna
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality, brushed and anodized aluminum alloy columns, what makes antennas attractive, stable and durable
- ▲ Customized colors of antennas are acceptable for volume orders

OPTIONAL FEATURES

- ▲ Remote Service Module
- ▲ People Counting Module
- ▲ Metal Detection Module

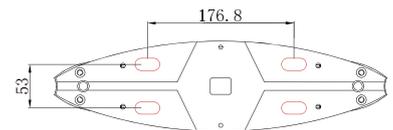


TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power Consumption: 24W
- ▲ Center Frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: 7 optional colors
- ▲ Alarm volume: 0-120dB

DIMENSIONS

- Height: 1670mm
- Width : 401mm
- Depth : 109mm
- Weight: 10.2kg



DETECTION RANGE

Label/Tag	GF4040H	T013
Pictures		
Ranges(Both sides)	cm	cm
CA35L	90	120

PRODUCT REFERENCES

Code	Description	Remark
CA35L-G09	Mono RF system, incl. cable kit	All electronics integrated in antenna, the antenna can work independently



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

Mercury Grand CA35X (Mono)



STANDARD SERIES

FEATURES

Mercury Grand (Mono) CA35X-G09 is a wide-aisle Mono RF antenna designed for applications in all retail stores, Besides the functional features of Century Mono RF systems, Mercury Grand (Mono) antenna has its own characteristics.

- ▲ Fully integrated design with all electronics, including possible add-ons, inside base of the antenna
- ▲ Embedded APP debugging Module enhances remote service, quick response, saving time and labor
- ▲ Longer detection range on both sides of the antenna
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality, brushed and anodized aluminum alloy columns, what makes antennas attractive, stable and durable
- ▲ Customized colors of antennas are acceptable for volume orders

OPTIONAL FEATURES

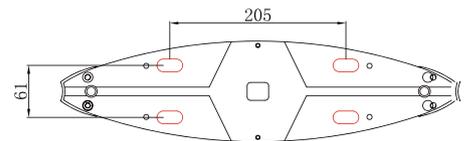
- ▲ Remote Service Module
- ▲ People Counting Module
- ▲ Metal Detection Module

TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power Consumption: 24W
- ▲ Center Frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: 7 optional colors
- ▲ Alarm volume: 0-120dB

DIMENSIONS

- Height: 1670mm
- Width : 459mm
- Depth : 118mm
- Weight: 11.0kg



DETECTION RANGE

Label/Tag	GF4040H	T013
Pictures		
Ranges(Both sides)	cm	cm
CA35X	95	125

PRODUCT REFERENCES

Code	Description	Remark
CA35X-G09	Mono RF system, incl. cable kit	All electronics integrated in antenna, the antenna can work independently



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

Venus Classic CA36L (Mono)

STANDARD SERIES



FEATURES

Venus Classic (Mono) CA36L-G09 is a standard and clear Mono RF antenna designed for applications in high-end retail stores. Besides the functional features of Century Mono RF systems, Venus Classic (Mono) antenna has its own characteristics.

- ▲ Fully integrated design with all electronics, including possible add-ons, inside base of the antenna
- ▲ Embedded APP debugging Module enhances remote service, quick response, saving time and labor
- ▲ Standard detection range on both sides of the antenna
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality acrylic antenna frames, which gives the antenna an appearance of clearness while being very durable
- ▲ Customized colors of base covers are acceptable for volume orders

OPTIONAL FEATURES

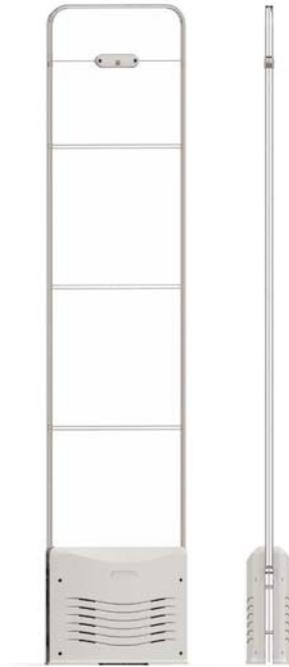
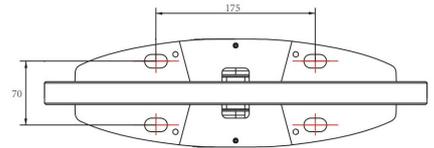
- ▲ Remote Service Module
- ▲ People Counting Module
- ▲ Metal Detection Module

TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power Consumption: 24W
- ▲ Center Frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: 7 optional colors
- ▲ Alarm volume: 0-120dB

DIMENSIONS

- Height: 1655mm
- Width: 353mm
- Depth: 118mm
- Weight: 19.8kg



DETECTION RANGE

Label/Tag	GF4040H	T013
Pictures		
Ranges(Both sides)	cm	cm
CA36L	80	110

PRODUCT REFERENCES

Code	Description	Remark
CA36L-G09	Mono RF system, incl. cable kit	All electronics integrated in antenna. The antenna can work independently.



Venus Grand CA36X (Mono)

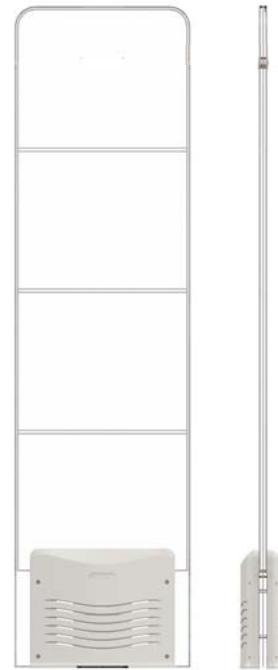


STANDARD SERIES

FEATURES

Venus Grand (Mono) CA36X-G09 is a wide-aisle and Mono clear RF antenna designed for applications in high-end retail stores. Besides the functional features of Century Mono RF systems, Venus Grand (Mono) antenna has its own characteristics.

- ▲ Fully integrated design with all electronics, including possible add-ons, inside base of the antenna
- ▲ Embedded APP debugging Module enhances remote service, quick response, saving time and labor
- ▲ Longer detection range on both sides of the antenna
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality acrylic antenna frames, which gives the antenna an appearance of clearness while being very durable
- ▲ Customized colors of base covers are acceptable for volume orders



OPTIONAL FEATURES

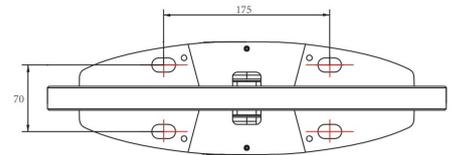
- ▲ Remote Service Module
- ▲ People Counting Module
- ▲ Metal Detection Module

TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power Consumption: 24W
- ▲ Center Frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: 7 optional colors
- ▲ Alarm volume: 0-120dB

DIMENSIONS

- Height: 1655mm
- Width: 420mm
- Depth: 118mm
- Weight: 21.9kg



DETECTION RANGE

Label/Tag	GF4040H	T013
Pictures		
Ranges(Both sides)	cm	cm
CA36X	85	115

PRODUCT REFERENCES

Code	Description	Remark
CA36X-G09	Mono RF system, incl. cable kit	All electronics integrated in antenna. The antenna can work independently.



Mercury Classic CA35L (Dual)



STANDARD SERIES

FEATURES

Mercury Classic (Dual) CA35L-G07 is a standard Dual RF antenna designed for applications in all retail stores. Besides the functional features of Century DualRF systems, Mercury Classic (Dual) antenna has its own characteristics.

- ▲ Fully integrated design with all electronics, including possible add-ons, inside base of the antenna
- ▲ Plug-and-play default settings make systems work with excellent performance in most of the possible environments, which helps in making easier the installation and saving tremendous labor cost
- ▲ Standard detection range in between transmitter and receiver antennas
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality, brushed and anodized aluminum alloy columns, what makes antennas attractive, stable and durable
- ▲ Customized colors of antennas are acceptable for volume orders

OPTIONAL FEATURES

- ▲ People Counting Module

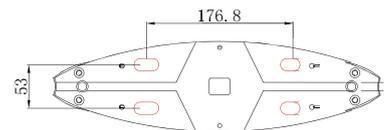


TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power Consumption: 24W
- ▲ Center Frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: Red
- ▲ Alarm volume: 0-120dB

DIMENSIONS

- Height: 1670mm
- Width : 401mm
- Depth : 109mm
- Weight: 10.2kg



DETECTION RANGE

Label/Tag	GF4040H	T013
Pictures		
Ranges(Both sides)	cm	cm
CA35L	160	180

PRODUCT REFERENCES

Code	Description	Remark
CA35L-G07	Dual RF system, incl. cable kit	TX antenna and RX antenna work together. Single antenna cannot work



Mercury Grand CA35X (Dual)



STANDARD SERIES

FEATURES

Mercury Grand (Dual) CA35X-G07 is a wide-aisle Dual RF antenna designed for applications in all retail stores. Besides the functional features of Century DualRF systems, Mercury Grand (Dual) antenna has its own characteristics.

- ▲ Fully integrated design with all electronics, including possible add-ons, inside base of the antenna
- ▲ Plug-and-play default settings make systems work with excellent performance in most of the possible environments, which helps in making easier the installation and saving tremendous labor cost
- ▲ Longer detection range on both sides of the antenna
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality, brushed and anodized aluminum alloy columns, what makes antennas attractive, stable and durable
- ▲ Customized colors of antennas are acceptable for volume orders

OPTIONAL FEATURES

- ▲ People Counting Module

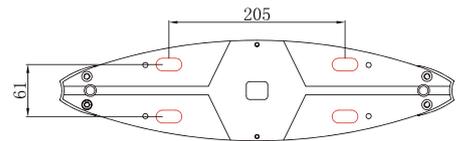


TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power Consumption: 24W
- ▲ Center Frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: Red
- ▲ Alarm volume: 0-120dB

DIMENSIONS

- Height: 1670mm
- Width : 459mm
- Depth : 118mm
- Weight: 10.8kg



DETECTION RANGE

Label/Tag	GF4040H	T013
Pictures		
Ranges(Both sides)	cm	cm
CA35X	170	190

PRODUCT REFERENCES

Code	Description	Remark
CA35X-G07	Dual RF system, incl. cable kit	TX antenna and RX antenna work together, single antenna cannot work



Venus Classic CA36L (Dual)



STANDARD SERIES

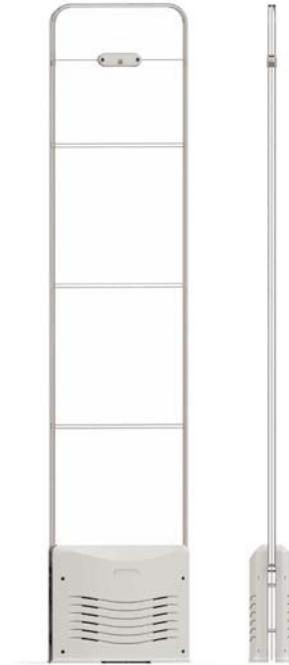
FEATURES

Venus Classic (Dual) CA36L-G07 is a standard and clear Dual RF antenna designed for applications in high-end retail stores. Besides the functional features of Century Dual RF systems, Venus Classic (Dual) antenna has its own characteristics.

- ▲ Fully integrated design with all electronics, including possible add-ons, inside base of the antenna
- ▲ Plug-and-play default settings make systems work with excellent performance in most of the possible environments, which helps in making easier the installation and saving tremendous labor cost
- ▲ Standard detection range on both sides of the antenna
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality acrylic antenna frames, which gives the antenna an appearance of clearness while being very durable
- ▲ Customized colors of base covers are acceptable for volume orders

OPTIONAL FEATURES

- ▲ People Counting Module

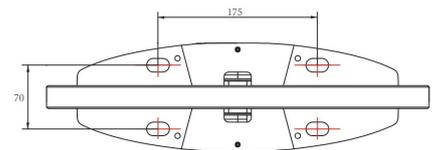


TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power Consumption: 24W
- ▲ Center Frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: Red
- ▲ Alarm volume: 0-120dB

DIMENSIONS

- Height: 1655mm
- Width: 353mm
- Depth: 118mm
- Weight: 20.0kg



DETECTION RANGE

Label/Tag	GF4040H	T013
Pictures		
Ranges(Both sides)	cm	cm
CA36L	160	180

PRODUCT REFERENCES

Code	Description	Remark
CA36L-G07	Dual RF system, incl. cable kit	TX antenna and RX antenna work together, single antenna cannot work



Venus Grand CA36X (Dual)



STANDARD SERIES

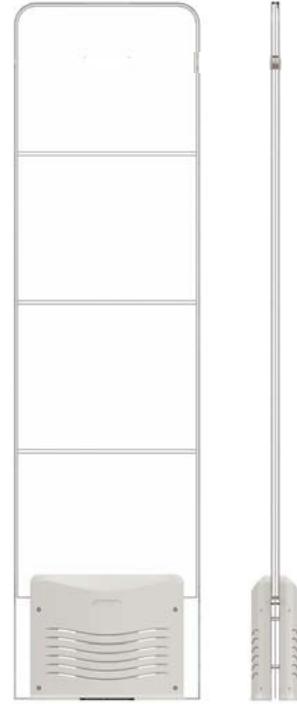
FEATURES

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- ▲ Fully integrated design with all electronics, including possible add-ons, inside base of the antenna
- ▲ Plug-and-play default settings make systems work with excellent performance in most of the possible environments, which helps in making easier the installation and saving tremendous labor cost
- ▲ Longer detection range on both sides of the antenna
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality acrylic antenna frames, which gives the antenna an appearance of cleariness while being very durable
- ▲ Customized colors of base covers are acceptable for volume orders

OPTIONAL FEATURES

- ▲ People Counting Module

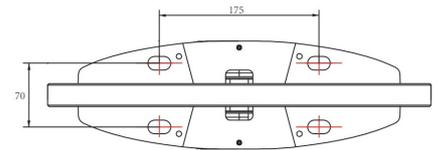


TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power Consumption: 24W
- ▲ Center Frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: Red
- ▲ Alarm volume: 0-120dB

DIMENSIONS

- Height: 1655mm
- Width: 420mm
- Depth: 118mm
- Weight: 23.4kg



DETECTION RANGE

Label/Tag	GF4040H	T013
Pictures		
Ranges(Both sides)	cm	cm
CA36X	165	185

PRODUCT REFERENCES

Code	Description	Remark
CA36X-G07	Dual RF system, incl. cable kit	TX antenna and RX antenna work together, single antenna cannot work



CA3001L & CA3000L & CA3000S



ESSENTIAL SERIES

FEATURES

Essential series aims to reduce cost to help low-budget retailers to deploy high performance systems to fight against shoplifting, reduce shrinkage and increase profit. Essential Series systems keep high standard of the systems as Century Standard series, such as long range detection, strong noise immunity, strict quality control and attractive appearance design.

- ▲ SUPERIOR PERFORMANCE
 - Long range detection
 - Enhanced noise immunity
- ▲ HIGH QUALITY PRODUCTION
 - High quality molds and materials
 - Strict quality control
- ▲ EASY INSTALLATION
 - Built-in electronics
 - Simple configuration

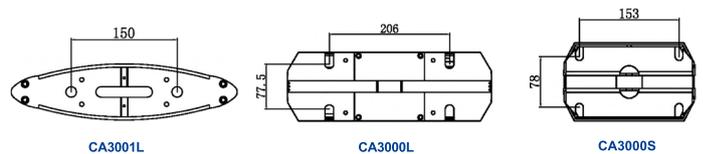
TECHNICAL SPECIFICATIONS

Systems	Mono (CAB06)	Dual (CAB07/F2)
Power Supply:	24VDC	24VDC
PSU Adapter Input:	100~240VAC	100~240VAC
Power Consumption:	20W	24W
Central Frequency	8.2MHz	8.2MHz
TX Frequency bandwidth	7.6~8.7MHz	7.7~8.7MHz
Alarm volume	120dB	120dB



Patent No. ZL201830267398.4

PRODUCT REFERENCES



DETECTION RANGE

Label/Tag	GF4040H		T013	
	Mono (CAB06)	Dual (CAB07/F2)	Mono (CAB06)	Dual(CAB07/F2)
Pictures				
Systems	Mono (CAB06)	Dual (CAB07/F2)	Mono (CAB06)	Dual(CAB07/F2)
Ranges	cm (both sides)	cm (in between)	cm (both sides)	cm (inbetween)
CA3001L	80	145	100	165
CA3000L	85	150	105	170
CA3000S	75	140	95	160

Model	Description	Dimension (H*W*T) (mm)	Weight (kg)
CA3001L-G06	Mono system, aluminum frame, standard size	1618.5*320*80	6.2
CA3001L-G07/T	Dual system - transmitter, aluminum frame, standard size		
CA3001L-G07/R	Dual system - receiver, aluminum frame, standard size		
CA3000L-G06	Mono system, acrylic frame, standard size	1555*350*117.5	15.4
CA3000L-G07/T	Dual system - transmitter, acrylic frame, standard size		
CA3000L-G07/R	Dual system - receiver, acrylic frame, standard size		
CA3000S-G06	Mono system, acrylic frame, slim size	1465*200*120	10.3
CA3000S-G07/T	Dual system - transmitter, acrylic frame, slim size		
CA3000S-G07/R	Dual system - receiver, acrylic frame, slim size		



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

RF Deactivators



Deactivator Box DB230

DB230 is Century's Integrated Fast Deactivator Box, purpose-built for next-generation smart retail environments. It delivers centralized, high-speed deactivation — no matter how many items are placed inside, every tag is fully deactivated within just three seconds. By eliminating traditional, repetitive deactivation steps, the DB230 drastically reduces waiting time and streamlines the checkout process, resulting in a smoother and more efficient shopping experience. It is ideal for scan-and-go, self-checkout, unmanned stores, and other intelligent retail scenarios.



FEATURES

- ▲ Anti-collision edge design, wear-resistant and scratch resistant, guarantee the safety of goods and customers
- ▲ 43L ultra large capacity, no blind spot inside the box, plug and play
- ▲ Support multiple deactivation modes, support linkage with the cash system
- ▲ Universal wheel with locking function, easy to move and place in any position

TECHNICAL SPECIFICATIONS

Product Code	DB230
Central Frequency	8.2MHz
Power Supply	12VDC
Power Consumption	<20W



TECHNICAL DIMENSION

	DB230
Outside Dimension (mm)	525 (L)*435 (W)*500 (H)
Internal Dimension (mm)	435 (L)*350 (W)*320 (H)

RF Deactivators



Deactivator DB219

DB219 is Century's new generation of high-performance deactivators, featuring excellent detection and deactivation performance. It can connect to up to two interfaces with POS systems or scanners and supports deactivation after scanning. It allows for fast detection of labels accompanied by an indicating beep. The new debugging software includes a visual waveform interface. It is compatible with the original RF decoder products in Century.



FEATURES

- ▲ High-performance, detection height up to 30cm & deactivation height up to 25cm for RF labels
- ▲ High-efficiency and time saving, work with POS or scanner
- ▲ Plug and play
- ▲ Software tuning

Detection / Deactivation Height

Label Type	GF4040H
Detection Height	30 cm
Deactivation Height	25 cm



Specifications

Technical Specifications

Central Frequency	8.2MHz
Power Supply	24VDC
Power Consumption	<20W

Environmental requirements

Temperature	0-55 C
Relative humidity	0~85%

RF Deactivators



Deactivator DB212

FEATURES

- ▲ High-speed detection and deactivating labels
- ▲ Same controller for the two models
- ▲ Consists of two parts: controller and pad
- ▲ One controller connects up to two deactivation pads
- ▲ Buzzer inside controller
- ▲ Adjustable sound volume
- ▲ Detects labels before deactivation
- ▲ Audible and visual indication for verification and deactivation

TECHNICAL SPECIFICATIONS

- ▲ Input: 12~15VDC
- ▲ Output: 12VDC / 1.25A
- ▲ Central Frequency: 8.2MHz
- ▲ Alarm current: <200mA
- ▲ Deactivation speed: 120pcs/min
- ▲ Detection height: 30cm
- ▲ Deactivation height: 25cm
- ▲ Sound volume: 80dB

MATERIALS & DIMENSIONS

Products	Housing material	Dimension
Controller	Aluminum alloy	158×118×28 mm
DB212A Pad	ABS	305×225×12 mm
DB212B Pad	Upper: Acrylic Lower: ABS	305×255×25 mm

PRODUCT REFERENCES

Code	Description	Remark
DB212-1A	One-pad deactivator	RF deactivator with one pad (DB212-A) and PSU
DB212-2A	Two-pad deactivator	RF deactivator with two pads (DB212-A) and PSU
DB212-01	Controller Box with PSU	One controller box can work with one (or two) pad (s)
DB212-A	Deactivator Pad	Have to work with controller box



CE CERTIFIED



CE CERTIFIED

PRODUCT REFERENCES

Code	Description	Remark
DB212-1B	One-pad deactivator	RF deactivator with one pad (DB212-B) and PSU
DB212-2B	Two-pad deactivator	RF Deactivator with two pads (DB212-B) and PSU
DB212-01	Controller Box with PSU	One controller box can work with one (or two) pad (s)
DB212-B	Deactivator Pad	Have to work with controller box

RF Deactivators



Deactivator DB217

FEATURES

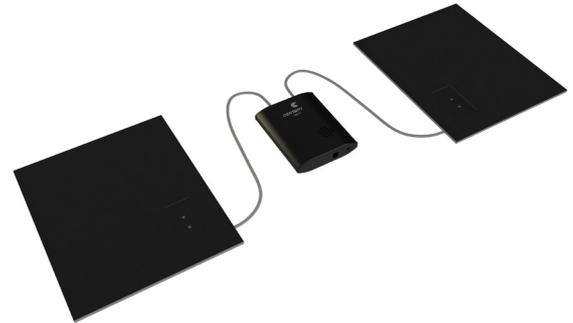
- ▲ High-speed detection and deactivating labels
- ▲ Good noise-immunity
- ▲ Quick deactivation at high throughput speed
- ▲ Alert of unsuccessfully deactivated tags
- ▲ One controller works with max. two decoding pads

TECHNICAL SPECIFICATIONS

- ▲ PSU Adapter Input: 100-240VDC
- ▲ Central Frequency: 8.2MHz
- ▲ Detection height: 28cm
- ▲ Deactivation height: 25cm
- ▲ Alarm volume: 95dB
- ▲ Cut-Out size: 290x240 mm

WEIGHT & DIMENSIONS

Products	Weight	Dimension
Controller	0.3kg	145*118*28mm
Decoding Pad Model A	0.6kg	305*225*15mm
Decoding Pad Model B	0.7kg	305*255*25mm



DB217-2A



DB217-2B

Deactivator DB218

FEATURES

- ▲ All electronics in one unit
- ▲ Quick deactivation at high throughput speed
- ▲ Alert of unsuccessfully deactivated tags
- ▲ Real plug-n-play

TECHNICAL SPECIFICATIONS

- ▲ PSU Adapter Input: 100-240VDC
- ▲ Central Frequency: 8.2MHz
- ▲ Detection height: 20cm
- ▲ Deactivation height: 15cm
- ▲ Alarm volume: 95dB
- ▲ Dimension: 308x256x12.5 mm
- ▲ Cut-Out size: 172x172 mm



DB218

RF Deactivators



Deactivator DB204

FEATURES

- ▲ Ergonomic design for handheld
- ▲ Detection and deactivation in one unit
- ▲ Rechargeable lithium battery
- ▲ Shrink theft and reduce mistake by false alarm

TECHNICAL SPECIFICATIONS

- ▲ PSU Adapter: 12-15VDC
- ▲ Central Frequency: 8.2MHz
- ▲ Detection height: 5-8cm
- ▲ Deactivation height: 5cm
- ▲ Alarm volume: 80dB
- ▲ Dimension: 248x119x46.5mm



DB204



Detector DB211

FEATURES

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

TECHNICAL SPECIFICATIONS

- ▲ PSU Adapter Input: 100-240VDC
- ▲ Central Frequency: 8.2MHz
- ▲ Detection Height: 10cm
- ▲ Alarm volume: 80dB
- ▲ Dimension: 172x172x25 mm
- ▲ Cut-Out size: 172x172 mm



DB211





AM SYSTEMS

GEMA CA89L



AM Systems, Premium Series

FEATURES

GEMA, Century Newest Acrylic AM Antenna (CA89L) features a premium acrylic design that enhances store aesthetics while delivering reliable AM detection performance. Its durable structure resists bending over long-term use and significantly improves AM tag detection distance on acrylic materials.

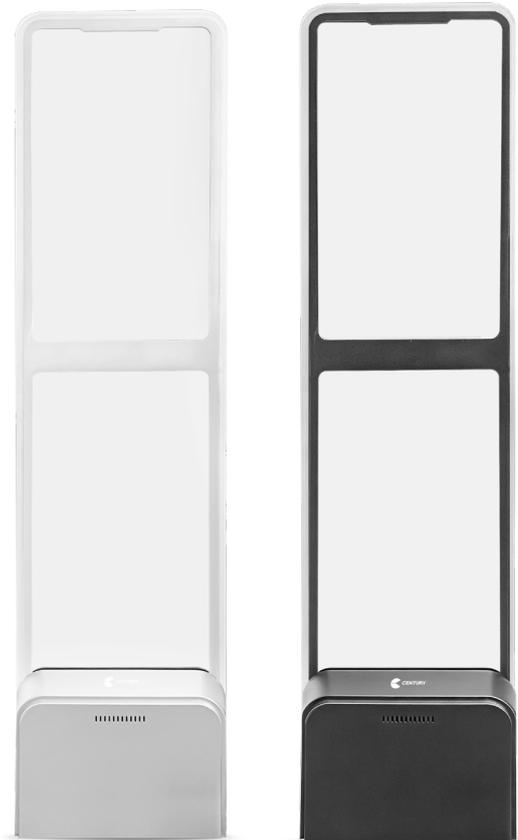
Supporting cascaded installation, the CA89L protects aisles up to 2.0 meters wide without interference. With flexible tuning options—including local software, mobile APP, and Century Cloud (V-station) remote control—it ensures fast setup and easy maintenance.

- ▲ **Premium Acrylic Design**
Elevates store appearance for high-end retail environments
- ▲ **Enhanced AM Detection**
Reliable performance with up to 2.0 m aisle coverage on acrylic
- ▲ **Flexible Cascading**
Supports up to 2 slave antennas and multiple working modes
- ▲ **Smart Control**
Easy tuning via local software, APP, or cloud-based remote control

SPECIFICATIONS

- ▲ Central Frequency: 58 KHz
- ▲ Power Supply: 110V / 220 VAC
- ▲ Power Consumption: < 40 W
- ▲ Detection Distance: Laboratory tested values
- ▲ Century DR Label: 1.25 m / 1.10 m / 1.15 m
- ▲ Pencil Tag (33 mm ferrite): 1.60 m / 1.45 m / 1.35 m
- ▲ Dimensions: 1604.6 * 400.2 * 20.0 mm

*Detection exact aisle width depending on installation environment conditions.



GEMA-Silver

GEMA-Black



Atento 2.0 Classic (CA78L/F1)

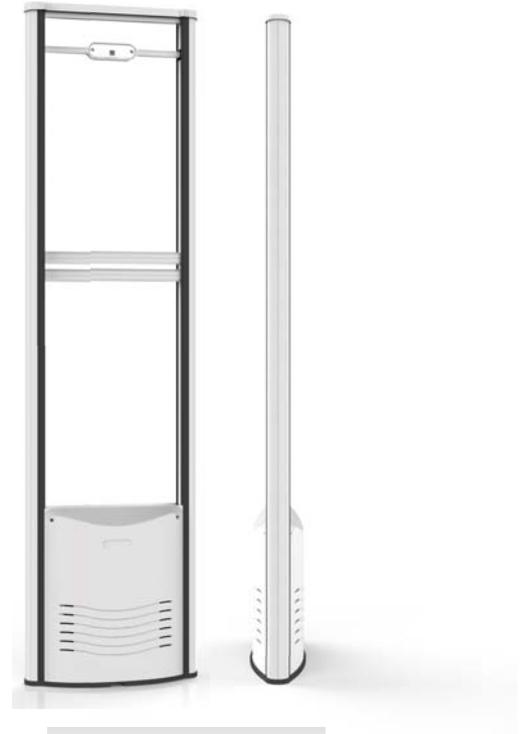


STANDARD SERIES

FEATURES

Atento 2.0 Classic (CA78L/F1) is a standard AM antenna designed for applications in all retail stores. Besides the functional features of Century AM systems, Atento 2.0 Classic (CA78L/F1) antenna has its own characteristics.

- ▲ Two types of antennas:
 - (1) Master (C): Transceiver antenna with all electronics inside base of the antenna. Can work independently without the need of extra antenna
 - (2) Slave (S): Transceiver antenna with only capacitor board inside base of the antenna. Have to work with master antenna
- ▲ Embedded APP debugging Module enhances remote service, quick response, saving time and labor
- ▲ Standard detection range on both sides of master and transceiver slave antennas;
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality PVC columns and ABS base covers, what makes antennas attractive, stable and durable
- ▲ Customized colors of antennas are acceptable for volume orders



Patent No. ZL201630205723.5

OPTIONAL FEATURES

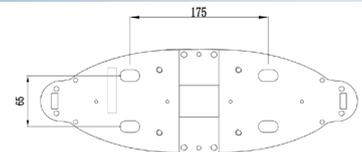
- ▲ Remote Service Module
- ▲ People Counting Module
- ▲ Connection to management platform

TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 110V/220V
- ▲ Power Consumption: 50W
- ▲ Fuse of PSU: 2.0A
- ▲ Operating Frequency: 58KHz±500Hz
- ▲ Alarm volume: 100dB

DIMENSIONS

- Height: 1548mm
- Width : 405mm
- Depth : 130mm
- Weight: 10.7kg



PRODUCT REFERENCES

Code	Description	Remark
CA78L/F1C	Master Antenna, incl power cord	Can work independently
CA78L/F1S	Slave Antenna, incl. cable kit	Works with CA78L/F1C

DETECTION RANGE

Label/Tag	RS01		T041	
	Both sides	In between	Both sides	In between
Pictures				
CA78L/F1	85	170	120	200



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

Atento 2.0 Grand (CA78X/F1)



STANDARD SERIES

FEATURES

Atento 2.0 Grand (CA78X/F1) is a standard AM antenna designed for applications in all retail stores. Besides the functional features of Century AM systems, Grand (CA78X/F1) antenna has its own characteristics.

- ▲ Two types of antennas:
 - (1) Master (C): Transceiver antenna with all electronics inside base of the antenna. Can work independently without the need of extra antenna
 - (2) Slave (S): Transceiver antenna with only capacitor board inside base of the antenna. Have to work with master antenna
- ▲ Embedded APP debugging Module enhances remote service, quick response, saving time and labor
- ▲ Longer detection range on both sides of master and transceiver slave antennas
- ▲ Simple but modern design of the antenna's frame and base cover
- ▲ High quality PVC columns and ABS base covers, what makes antennas attractive, stable and durable
- ▲ Customized colors of antennas are acceptable for volume orders

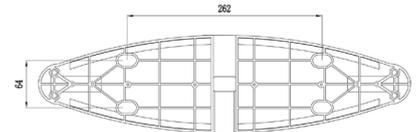


OPTIONAL FEATURES

- ▲ Remote Service Module
- ▲ People Counting Module
- ▲ Connection to management platform

DIMENSIONS

Height: 1600mm
 Width : 500mm
 Depth : 132mm
 Weight: 11.9kg



TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 110V/220V
- ▲ Power Consumption: 50W
- ▲ Fuse of PSU: 2.0A
- ▲ Operating Frequency: 58KHz±500Hz
- ▲ Alarm volume: 100dB

PRODUCT REFERENCES

Code	Description	Remark
CA78X/F1C	Master Antenna, incl power cord	Can work independently
CA78X/F1S	Slave Antenna, incl. cable kit	Works with CA78X/F1C

DETECTION RANGE

Label/Tag	RS01		T041	
	Both sides	In between	Both sides	In between
Pictures				
Range(cm)	Both sides	In between	Both sides	In between
CA78X/F1	90	180	125	210



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

Vista 2.1 Classic (CA79L/F2)



STANDARD SERIES

FEATURES

Vista 2.1 Classic (CA79L/F2) is a standard and clear AM antenna provide high security but comfortable solution for various retail stores. With elegant and transparent antenna frame design, Vista 2.1 series is the optimal choice for clients with high requirement on in-store environment.

▲ SUPERIOR PERFORMANCE

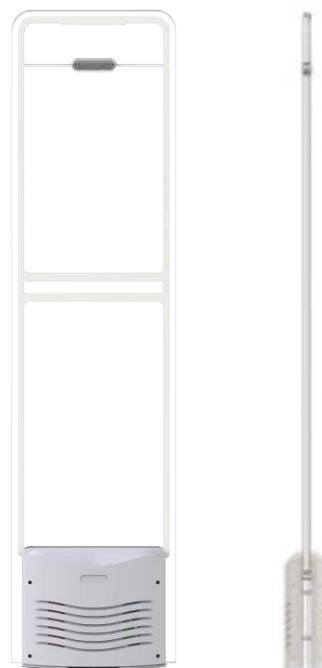
- Long range detection
- Enhanced noise immunity
- Tag-Too-Close alert
- Virtual oscilloscope in configuration software

▲ EASY INSTALLATION

- Built-in electronics
- Air synchronization
- Software configuration
- APP debugging

▲ ATTRACTIVE APPEARANCE

- Elegant design of frames and base covers
- Frames made with high quality acrylic material
- Plastic parts made with high precision molds



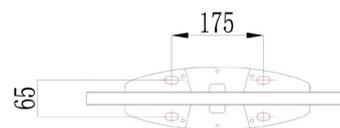
Patent No. ZL201530383943.2

OPTIONAL FEATURES

- ▲ Remote Service
- ▲ People Counting
- ▲ Connection to management platform

DIMENSIONS

Height: 1600mm
 Width : 400mm
 Depth : 113mm
 Weight: Master: 19.8kg
 Slave: 18.5kg



TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 110V/220V(AC)
- ▲ Power Consumption: 50W
- ▲ Fuse of PSU: 2.0A
- ▲ Operating Frequency: 58KHz±500Hz
- ▲ Alarm volume: 100dB

PRODUCT REFERENCES

Code	Description	Remark
CA79L/F2C	Master Antenna, incl power cord	Can work independently
CA79L/F2S	Slave Antenna, incl. cable kit	Works with CA79L/F2C

DETECTION RANGE

Label/Tag	RS01		T041	
	Both sides	In between	Both sides	In between
Pictures				
Range (cm)	Both sides	In between	Both sides	In between
CA79L/F2	85	170	120	200



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

Vista 2.1 Grand (CA79X/F2)

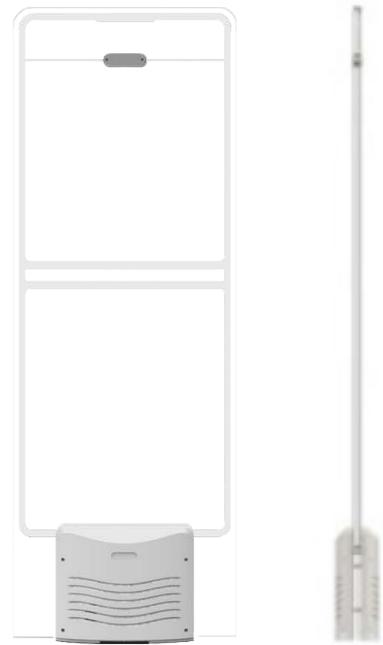


STANDARD SERIES

FEATURES

Vista 2.1 Grand (CA79X/F2) is a standard and clear AM antenna provide high security but comfortable solution for various retail stores. With elegant and transparent antenna frame design, Vista 2.1 series is the optimal choice for clients with high requirement on in-store environment.

- ▲ SUPERIOR PERFORMANCE
 - Long range detection
 - Enhanced noise immunity
 - Tag-Too-Close alert
 - Virtual oscilloscope in configuration software
- ▲ EASY INSTALLATION
 - Built-in electronics
 - Air synchronization
 - Software configuration
 - APP debugging
- ▲ ATTRACTIVE APPEARANCE
 - Elegant design of frames and base covers
 - Frames made with high quality acrylic material
 - Plastic parts made with high precision molds

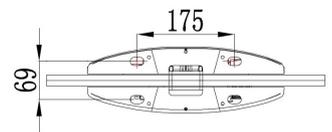


OPTIONAL FEATURES

- ▲ Remote Service
- ▲ People Counting
- ▲ Connection to management platform

DIMENSIONS

Height: 1600mm
 Width : 500mm
 Depth : 117mm
 Weight: Master: 28.3kg
 Slave: 26.8kg



TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 110V/220V(AC)
- ▲ Power Consumption: 50W
- ▲ Fuse of PSU: 2.0A
- ▲ Operating Frequency: 58KHz±500Hz
- ▲ Alarm volume: 100dB

PRODUCT REFERENCES

Code	Description	Remark
CA79X/F2C	Master Antenna, incl power cord	Can work independently
CA79X/F2S	Slave Antenna, incl. cable kit	Works with CA79X/F2C

DETECTION RANGE

Label/Tag	RS01		T041	
	Both sides	In between	Both sides	In between
Pictures				
CA79X/F2	90	180	125	210



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

CA3501L & CA3500L & CA3500S



ESSENTIAL SERIES

FEATURES

Essential series aims to reduce cost to help low-budget retailers to deploy high performance systems to fight against shoplifting, reduce shrinkage and increase profit. Essential Series systems keep high standard of the systems as Century Standard series, such as long range detection, strong noise immunity, strict quality control and attractive appearance design.

- ▲ SUPERIOR PERFORMANCE
 - Long range detection
 - Enhanced noise immunity
- ▲ HIGH QUALITY PRODUCTION
 - High quantity molds and materials
 - Strict quantity control system
- ▲ EASY INSTALLATION
 - Built-in electronics
 - Simple configuration

TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 110/220VAC
- ▲ Power Consumption: 50W
- ▲ Fuse of PSU: 2A
- ▲ Central Frequency: 58KHz
- ▲ TX Frequency bandwidth: 58KHz±500Hz
- ▲ Alarm volume : 100dB

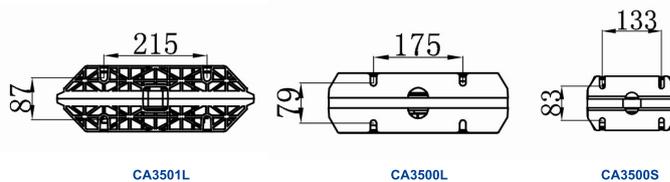
DETECTION RANGE

Label/Tag	RS01	T041
Pictures		
Range (both sides)	cm	cm
CA3501L	85	105
CA3500L	85	105
CA3500S	75	95



Patent No. ZL201830267400.8

PRODUCT REFERENCES



Model	Description	Dimension(H*W*T)(mm)	Weight (kg)
CA3501LC	Master antenna, plastic frame, standard size	1550*410*137	7.2
CA3501LS	Slave antenna, plastic frame, standard size		6.0
CA3500LC	Master antenna, acrylic frame, standard size	1550*350*117.5	18.4
CA3500LS	Slave antenna, acrylic frame, standard size		17.0
CA3500SC	Master antenna, acrylic frame, slim size	1460*200*122	11.8
CA3500SS	Slave antenna, acrylic frame, slim size		10.5



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

Portalguard CAC70

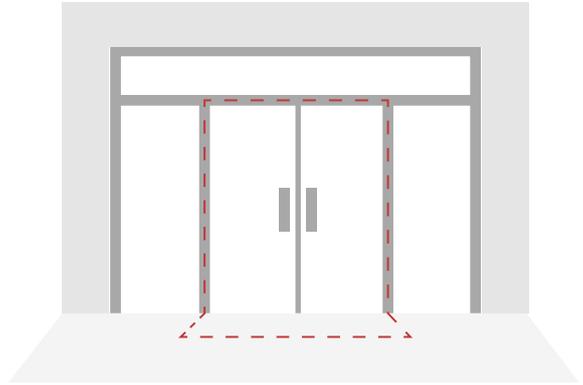


STANDARD SERIES

FEATURES

Century Portalguard (loop antenna, CAC70) is designed in a ring shape, delivers exceptional & independently Acousto-Magnetic (AM) EAS protection for environments that require a high and wide vertical detection area. It can be hidden in the wall or on the surface of the door frame, and provides protection up to 2.5m height and 3.5m width to maximize customer flow and optimize merchandising floor space. Loop antenna is another good solution for hidden detection, which can be used in airport, shopping mall, where underground antenna is not allowed.

- ▲ Flexible cabling design, customized to fit door configuration
- ▲ Concealed installation, maximize customer flow & optimize sales space
- ▲ Ultra-high detection range & height, enhance shopping experience
- ▲ APP debugging is available, fast & effortless maintenance



TECHNICAL SPECIFICATIONS

Operating Frequency	58KHz \pm 500Hz
Power Input	100~120VAC, 60Hz or 220~240VAC, 50Hz
Main Power Fuse	2A, 250V, delay fuse
Maximum Current	115/220V, 50-60HZ/AC
Maximum Power Consumption	< 65W

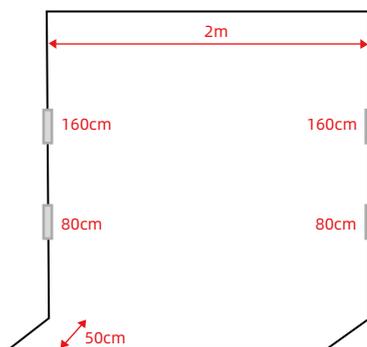
ENVIRONMENTAL REQUIREMENTS

Operating Temperature	0-50°C
Relative Humidity	0- 90%, no condensation

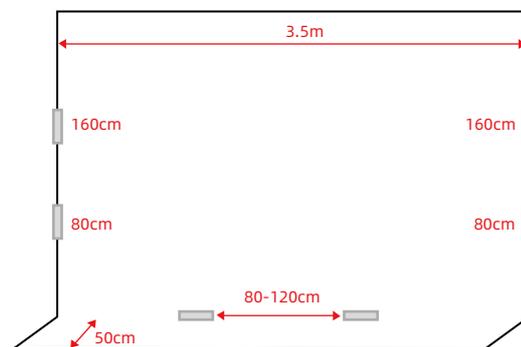
COMPONENTS

Name	Dimension	Picture
Controller	380*214*75mm	
Wall Sensing Probe	118*38*22mm	
Ground Sensing Probe	158*25*25mm	

CONFIGURATIONS



Width= 2m, with 4 wall sensors



Width= 3.5m, with 6 wall sensors

Note: For installation details, please refer to installation instructions.

Tapiguard CA7706



ESSENTIAL SERIES

FEATURES

CA7706 is Century's new-generation, cost-effective AM floor antenna, from Century's Essential Systems, powered by the Essential Controller - CAC57. It supports remote control, app tuning, and software adjustments - all designed for fast setup and stable performance. Tested in large-scale deployments, it's the ideal choice for cost-effective AM protection.

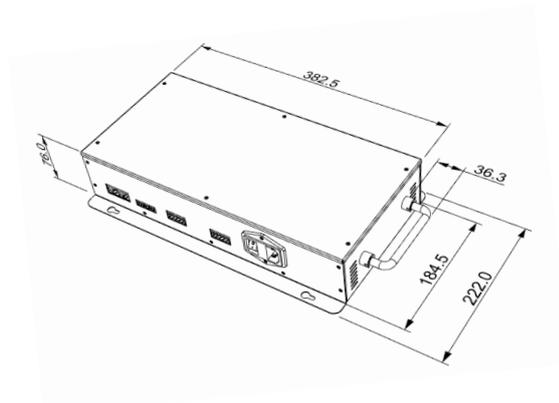
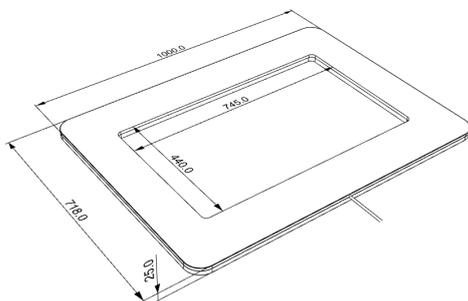
- ▲ Compact design with integrated board
- ▲ Concealed, waterproof installation under floor tiles for seamless
- ▲ Supports remote control, app-based adjustments, and software tu
- ▲ Lightweight, cost-efficient, and easy to deploy and transport



TECHNICAL SPECIFICATIONS

Central Frequency	58KHz
Working Voltage	AC15V-0-15V, AC48V
Power Consumption	<80W (1 controller + 2 antennas)
Power Supply	115/220V, 50-60HZ/AC
Detection Height (normal environment)	RS01: 1m+ T010: 1.2-1.4m
Floor Antenna Dimension (L*W*T) (mm)	2000*720*25 1800*720*25 1600*720*25

PRODUCT REFERENCES



Tapisure CA7701

STANDARD SERIES



FEATURES

Tapisure (CA7701 Series), a new generation Floor System, it protects open-displayed items effectively while keeping unobstructed shopping environment and generating comfortable shopping experience for customers.

- ▲ UNOBSTRUCTIVE PROTECTION
 - Concealed installation underneath the floor tiles
 - Water-proof
- ▲ SUPERIOR PERFORMANCE
 - Ultra-high detection range/height when working with unique ferrite tiles
 - Enhanced noise immunity
 - Tag-Too-Close alert
 - 110/220 VAC Switchable PSU
 - CCTV interfaces
 - 1 Mainboard can control even 4 Antennas
- ▲ PC CONFIGURATION
 - Virtual oscilloscope
 - Software configuration
 - Signal waveform
- ▲ EASY INSTALLATION
 - Air synchronization
- ▲ OPTIONAL FEATURES
 - Remote service
 - Connection to management platform
 - Compatible with standalone metal detection

OPTIONAL FEATURES

- ▲ Remote Service
- ▲ Connection to management platform

TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 110V/220V
- ▲ Power Consumption: < 80W
- ▲ Operating Frequency: 58KHz
- ▲ Alarm volume: 100dB
- ▲ Relay(s): 5

DIMENSIONS

Product code: CA7701

Fuse of PSU: 2.0A

Size:

CA7701-L16: L1600xW720x720xT20mm

CA7701-L18: L1800xW720x720xT20mm

CA7701-L21: L2100xW720x720xT20mm

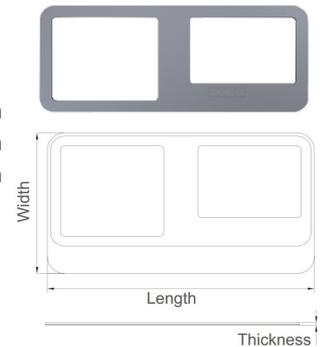
Weight:

CA7701-L16:20kg

CA7701-L18:25kg

CA7701-L21:30kg

Material: PVC



DETECTION RANGE

Label/Tag	RS01	T041
Pictures		
Height	cm	cm
CA7701	110	150

SATURN CONTROLLER

Product code: CAC69 Control Box

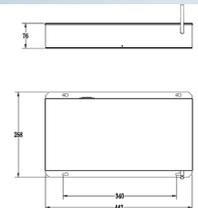
Power Consumption: 80W

Fuse of PSU: 2.0A

Voltage: 110/220V

Size: L442xW258xH76mm

Weight: 3kg



Product code: CAC69 Capacitor

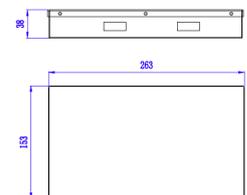
Power Consumption: 80W

Fuse of PSU: 2.0A

Voltage: 110/220V

Size: L263xW153xH38mm

Weight: 8kg



AM Deactivators



Deactivator Box DB130

DB130 is Century's Integrated Fast Deactivator Box, purpose-built for next-generation smart retail environments. It delivers centralized, high-speed deactivation — no matter how many items are placed inside, every tag is fully deactivated within just three seconds. By eliminating traditional, repetitive deactivation steps, the DB230 drastically reduces waiting time and streamlines the checkout process, resulting in a smoother and more efficient shopping experience. It is ideal for scan-and-go, self-checkout, unmanned stores, and other intelligent retail scenarios.



FEATURES

- ▲ Anti-collision edge design, wear-resistant and scratch resistant, guarantee the safety of goods and customers
- ▲ 43L ultra large capacity, no blind spot inside the box, plug and play
- ▲ Support multiple deactivation modes, support linkage with the cash system
- ▲ Universal wheel with locking function, easy to move and place in any position

TECHNICAL SPECIFICATIONS

Product Code	DB130
Central Frequency	58KHz
Power Supply	110V/220VAC
Power Consumption	<100W



TECHNICAL DIMENSION

	DB130
Outside Dimension (mm)	525 (L)*435 (W)*500 (H)
Internal Dimension (mm)	435 (L)*350 (W)*320 (H)

AM Deactivators



Deactivator DB116

Integration into Scanner and POS available

FEATURES

- ▲ High-performance, detection height up to 25cm & deactivation height up to 15cm for AM labels
- ▲ High-efficiency and time saving, work with POS or scanner
- ▲ Plug and play
- ▲ Software tuning

TECHNICAL SPECIFICATIONS

- ▲ Power Consumption: 20W max
- ▲ Central Frequency: 58KHz
- ▲ Power Supply: 110/220VAC
- ▲ Deactivation height: 10-15cm
- ▲ Detection height: 20-25cm
- ▲ Alarm volume: 85-100dB
- ▲ Dimension: 305*255*25mm
- ▲ Cut-Out size: 235*285mm



DB116



Deactivator DB112/F4 and DB104/F4

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
- ▲ Non-deactivatable Tag Alert

TECHNICAL SPECIFICATIONS

- ▲ Power Consumption: 20W max
- ▲ Central Frequency: 58KHz
- ▲ Fuse of PSU: 250V2A
- ▲ Input voltage: 110/220 VAC
- ▲ Deactivation height: 8-12cm
- ▲ Detection height: 8-12cm
- ▲ Alarm volume: 85-100dB
- ▲ Dimension: 305×225×25 mm(DB112/F4)
172×172×25 mm(DB104/F4)
- ▲ Cut-Out size: 151×151 mm



DB112/F4



DB104/F4



AM Deactivators

AM

Detector DB105

FEATURES

- ▲ Compact size for easy installation
- ▲ Visual and audible indication of active tags
- ▲ Surface, flush or under-counter mounting options

TECHNICAL SPECIFICATIONS

- ▲ Power Consumption: 20W
- ▲ Central Frequency: 58KHz
- ▲ Detection height: 10cm
- ▲ Alarm volume: 80dB
- ▲ Dimension: 172×172×25mm
- ▲ Cut-Out size: 172×172mm



DB105

Detector DB111

FEATURES

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

TECHNICAL SPECIFICATIONS

- ▲ PSU Adapter Input : 12-15VCD
- ▲ Central Frequency: 58KHz
- ▲ Detection speed: 120pes/min
- ▲ Detection height: 5-8cm
- ▲ Alarm volume: 80dB



DB111

AM Deactivators



Deactivator DB128

FEATURES

- ▲ All electronics in one unit. Real plug and play.
- ▲ Quick deactivation at high throughput speed.
- ▲ Visual and audible indication of active tags.
- ▲ Flush mount design only.
- ▲ Non-deactivatable Tag Alert

TECHNICAL SPECIFICATIONS

- | | |
|-----------------------------------|----------------|
| ▲ Input: | 110/220VAC |
| ▲ Central Frequency: | 58KHz |
| ▲ Static Power Consumption: | 5W max |
| ▲ Deactivation Power Consumption: | 20W max |
| ▲ Detection Height : | 7-11cm |
| ▲ Deactivation Height: | 7-11cm |
| ▲ Alarm volume: | 100dB |
| ▲ Dimension: | 224x224x70.9mm |
| ▲ Cut-Out size: | 197x197 mm |



DB128



DUAL SYSTEMS

RF+RFID Dual System CA35+RFID



STANDARD SERIES

FEATURES

Century's dual-system integrates both RF and RFID technology, enabling more detailed and comprehensive management. It is based on the Century Mercury (CA35), with iterative functions that enhance performance. RFID function as a modular part, it offers easy installation, low transformation costs, and excellent performance. This innovative system provides the optimal approach to enhance traditional RF anti-theft systems by incorporating RFID-based anti-theft capabilities.

SUPERIOR PERFORMANCE

- ▲ Long range detection
- ▲ Enhanced noise immunity
- ▲ Tag-Too-Close alert
- ▲ Virtual oscilloscope in configuration software

OPTIONAL FEATURES

- ▲ Remote service
- ▲ People counting
- ▲ V-Station management platform
- ▲ Poster panels
- ▲ RFID detection

EASY INSTALLATION

- ▲ Built-in electronics
- ▲ Air synchronization
- ▲ Software configuration
- ▲ Signal waveform displayed by virtual oscilloscope

ATTRACTIVE APPEARANCE

- ▲ Elegant design of frames and base covers
- ▲ Frames made with high quality aluminum alloy material
- ▲ Plastic parts made with high precision molds



RF TECHNICAL SPECIFICATIONS

Systems	CAB09
Central Frequency	8.2MHz
Power Consumption	24W
Fuse of PSU	900mA
Current(max)	1.9A
Voltage(input)	24VDC

Environmental Requirements

Temperature	0~50°C
RelativeHumidity	0~90%, non-condensing

Advertising Panel Size

CA35L	325*1393mm
CA35X	381*1393mm

RFID TECHNICAL SPECIFICATIONS

Working Mode	Master/slavemode, single-machinemode, triggermode
RFID Protocol	EPCglobal Class1Gen2/ISO18000-6C
Modular Chip	ImpinjE710
RFID Frequency	902-928MHz/865-868MHz
RFID Power	33dBm(Max)
Antenna Interface	Four SMA ports
Communication Interface	RS-232,RJ45,Bluetooth
Current(max)	2.0A
Voltage(input)	12VDC

Hybrid Deactivator

DUAL

DUAL SYSTEMS

Hybrid Deactivator DB401

FEATURES

- ▲ Can detect and deactivate both AM and RF
- ▲ labels Alert of unsuccessfully deactivated tags
- ▲ Software configuration (AM only)
- ▲ Low power consumption
- ▲ Non-deactivatable Tag Alert (AM)

TECHNICAL SPECIFICATIONS

- ▲ Input: 110/220 VAC
- ▲ Central Frequency: 58KHz (AM) & 8.2MHz (RF)
- ▲ Static Power Consumption: 5W max
- ▲ Deactivation Power Consumption: 25W max
- ▲ Detection Height: 7-11cm
- ▲ Deactivation Height: 7-11cm
- ▲ Alarm volume: 100dB
- ▲ Cut-Out size: 285x235 mm



DB401

CE CERTIFIED

Dimension & Weight

Model	Dimension (H*W*T) (mm)	Weight (kg)
DB401 Controller	224*224*70.9	2.55
DB401 Deactivator Pad	305*255*25	1.23

Detection/Deactivation Height

Label	RS01
Picture	
Height	7-11cm

Integrated Deactivation Loop Coil



FEATURES

Century Integrated Deactivation Loop Coil is innovative designed to work seamlessly with compatible scanners or POS. During checkout, products are scanned and verified at the point of sale, and attached AM/RF labels are automatically deactivated, ensuring fast, accurate transactions—even in high-traffic, high-volume retail environments.

- ▲ Faster checkout with scan-and-deactivate in a single step
- ▲ Reduced shrink by deactivating only purchased items
- ▲ Instant feedback via built-in audio and visual indicators
- ▲ Easy integration with scanners, POS or SCO



Zebra-7000



NCR-7895

Compatible with a range of Scanners

- ▲ NCR 7878
- ▲ NCR 7874
- ▲ Datalogic 8400
- ▲ Datalogic 9300i/9400
- ▲ Magellan 8500Xt
- ▲ Honeywell 105D
- ▲ Lenovo kiosk
- ▲ Magellan Datalogic 9600/9611
- ▲ Zebra MP7300
- ▲ NCR 7895
- ▲ Magellan Datalogic 9800i
- ▲



magellan-8400



NCR3003

METAL DETECTION SYSTEMS

Metal Detection System

Metalfront System

Metal Detection System CA2004

CA2004 (Century Independent Metal Detection System) is an ideal solution to combat Organized Retail Crime. Its acrylic frame and hidden loop shows the luxurious standard for store. Fast response and stable performance avoid the loss by metal bag stealing. The system uses dual technology and can protect up to 1.6m aisle when standing next to EAS system without interference and 2m when working independently. The metal detection system can also be integrated into Century AM system and RF mono or dual system in one frame.

FEATURES

- ▲ Superior performance with long detection range (1.6~2m)
- ▲ Detect illegal magnets at the entrance
- ▲ Use dual technology and support cascade up to 8 antenna
- ▲ An excellent deterrent and detection tool for ORC illegal tag removal

Specifications

- ▲ Code: CA2004
- ▲ Central Frequency: 20-28KHz
- ▲ Power Supply: 24VDC
- ▲ Power Consumption: <25W
- ▲ Size: 1465*200*120mm, 10.3kg

DETECTION RANGE

2m independent and 1.6m integrated into EAS system



Metalfront AM Metal Detection System (CA78L)



STANDARD SERIES

FEATURES

Metalfront, high quality Surveillance + Metal Detection, double security to prevent shoplift-ing and ensure the best shopping environ-ment for your store. It takes security and pro-tection to the next level, as it counts with the ability of detecting Metal-lined bags, which are commonly used by ORC (Organized Retail Crime) offenders to steal merchandise and get away without being detected.

- ▲ SUPERIOR PERFORMANCE
 - Metal detection
 - Long range detection
 - Enhanced noise immunity
 - Tag-Too-Close alert
 - Virtual oscilloscope in configuration software
- ▲ ATTRACTIVE APPEARANCE
 - Elegant design of frames and base covers
 - Frames made with high quality acrylic material
 - Plastic parts made with high precision molds
- ▲ EASY CONFIGURATION
 - Built-in electronics
 - Air synchronization
 - Software configuration
 - Signal waveform displayed by virtual oscilloscope



OPTIONAL FEATURES

- ▲ Remote service
- ▲ People counting
- ▲ Connection to management platform

TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 110V/220V
- ▲ Power Consumption: 50W
- ▲ Fuse of PSU: 2.0A
- ▲ Operating Frequency: 58KHz±500Hz
- ▲ Alarm volume: 110dB

PRODUCT REFERENCES

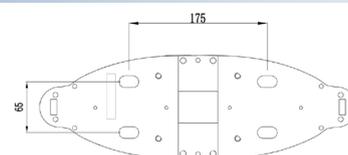
Code	Description	Remark
CA78L/F1C (MD)	Master Antenna, incl power cord	Can work independently
CA78L/F1S (MD)	Slave Antenna, incl. cable kit	Works with CA78X/F1C

DETECTION RANGE

	Metal
Range(cm)	In between
CA78L	160

DIMENSIONS

Height: 1548mm
 Width: 405mm
 Depth : 130mm
 Weight: CA78LC: 12.5kg
 CA78LS: 10.5kg



Metalfront AM Metal Detection System (CA78X)



STANDARD SERIES

FEATURES

Metalfront, high quality Surveillance + Metal Detection, double security to prevent shoplift-ing and ensure the best shopping environ-ment for your store. It takes security and pro-tection to the next level, as it counts with the ability of detecting Metal-lined bags, which are commonly used by ORC (Organized Retail Crime) offenders to steal merchandise and get away without being detected.

- ▲ SUPERIOR PERFORMANCE
 - Metal detection
 - Long range detection
 - Enhanced noise immunity
 - Tag-Too-Close alert
 - Virtual oscilloscope in configuration software
- ▲ ATTRACTIVE APPEARANCE
 - Elegant design of frames and base covers
 - Frames made with high quality acrylic material
 - Plastic parts made with high precision molds
- ▲ EASY CONFIGURATION
 - Built-in electronics
 - Air synchronization
 - Software configuration
 - Signal waveform displayed by virtual oscilloscope



OPTIONAL FEATURES

- ▲ Remote Service
- ▲ People Counting
- ▲ Connection to management platform

TECHNICAL SPECIFICATIONS

- ▲ Power Supply: 110V/220V
- ▲ Power Consumption: 50W
- ▲ Fuse of PSU: 2.0A
- ▲ Operating Frequency: 58KHz±500Hz
- ▲ Alarm volume: 110dB

PRODUCT REFERENCES

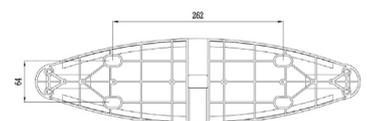
Code	Description	Remark
CA78X/F1C (MD)	Master Antenna, incl power cord	Can work independently
CA78X/F1S (MD)	Slave Antenna, incl. cable kit	Works with CA78X/F1C

DETECTION RANGE

	Metal
Range(cm)	In between
CA78X	180

DIMENSIONS

Height: 1600mm
 Width: 500mm
 Depth : 132mm
 Weight: CA78XC: 13.7kg
 CA78XS: 12.2kg



Note: The above-mentioned detection ranges are the average detection ranges in relative clean environment for reference use only. The ranges vary for tags in different orientations at different positions to the antennas.

METALFRONT RF (CA35L Dual)



RF Dual+Metal Detection System STANDARD SERIES

FEATURES

High quality Surveillance + Metal Detection, double security to prevent shoplifting and ensure the best shopping environment for your store. It takes security and protection to the next level, as it counts with the ability of detecting Metal-lined bags, which are commonly used by ORC (Organized Retail Crime) offenders to steal merchandise and get away without being detected.

▲ SUPERIOR PERFORMANCE

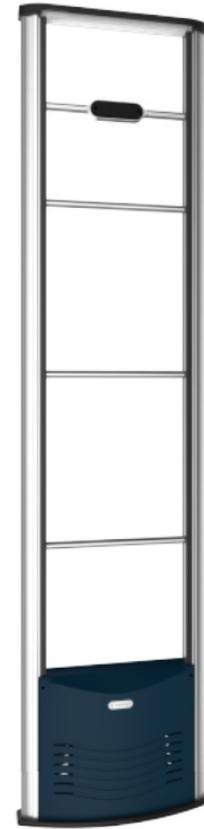
- Long range detection
- Enhanced noise immunity
- Tag-Too-Close alert
- Virtual oscilloscope in configuration software

▲ ATTRACTIVE APPEARANCE

- Elegant design of frames and base covers
- Frames made with high quality aluminium material
- Plastic parts made with high precision molds

▲ EASY CONFIGURATION

- Built-in electronics
- Software configuration for EAS
- Signal waveform displayed on the software



OPTIONAL FEATURES

- ▲ Poster panels

TECHNICAL SPECIFICATIONS

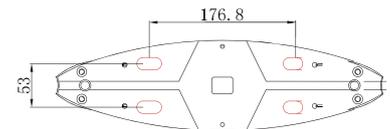
- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power consumption: 24W
- ▲ Central frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: Red (EAS) and Blue (MD)
- ▲ Alarm volume: 0~120dB

DETECTION RANGE

Tag	GF4040H	T001
Detection range cm (In between) 35L+MD	160cm	180cm

DIMENSIONS

- Height: 1670mm
- Width : 401mm
- Depth : 109mm
- Weight: 11.8kg



PRODUCT REFERENCES

Model (+MD)	Antenna Frame	Remark
CA35L-G07	Dual RF system, incl. cable kit	TX antenna and RX antenna work together. Single antenna cannot work.

METALFRONT RF (CA35L Mono)



RF Mono+Metal Detection System STANDARD SERIES

FEATURES

High quality Surveillance + Metal Detection, double security to prevent shoplifting and ensure the best shopping environment for your store. It takes security and protection to the next level, as it counts with the ability of detecting Metal-lined bags, which are commonly used by ORC (Organized Retail Crime) offenders to steal merchandise and get away without being detected.

▲ SUPERIOR PERFORMANCE

- Long range detection
- Enhanced noise immunity
- RF APP tuning
- Auto noise memory

▲ ATTRACTIVE APPEARANCE

- Elegant design of frames and base covers
- Frames made with high quality aluminium material
- Plastic parts made with high precision molds

▲ EASY CONFIGURATION

- Built-in electronics
- Software configuration for EAS
- Signal waveform displayed on the software



OPTIONAL FEATURES

- ▲ Poster panels

TECHNICAL SPECIFICATIONS

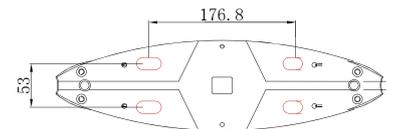
- ▲ Power Supply: 24VDC
- ▲ PSU Adapter Input: 100~240VAC
- ▲ Power consumption: 24W
- ▲ Central frequency: 8.2MHz
- ▲ Sweep Range: 8.2±0.5MHz
- ▲ Alarm light: Red (EAS) and Blue (MD)
- ▲ Alarm volume: 0~120dB

DETECTION RANGE

Tag	GF4040H	T001
Detection range cm (In between) 35L+MD	180cm	200cm

DIMENSIONS

- Height: 1670mm
- Width : 401mm
- Depth : 109mm
- Weight: 11.8kg



PRODUCT REFERENCES

Model (+MD)	Antenna Frame	Remark
CA35L-G09	Mono RF system, incl. cable kit	MD-TX antenna and MD-RX antenna work together. Single antenna cannot work.

**CLASSIC
ENTRANCE
SENSOR ANTENNA**

CLASSIC ENTRANCE SENSOR ANTENNA

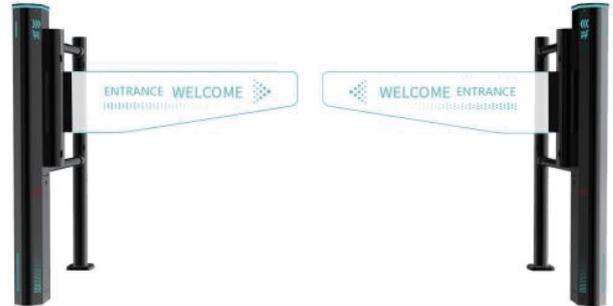
GT9201B with 2 posts

FEATURES

- ▶ Customizable voice prompts and acrylic swing arm logo for brand consistency
- ▶ One-piece CNC high-precision aluminum arm, customizable and ready for same-day shipment
- ▶ Advanced safety detection ensures a secure, smooth passage and prevents accidents
- ▶ Multiple access modes with flexible configuration to fit diverse retail scenarios

TECHNICAL SPECIFICATIONS

- ▶ Chassis height: 1100mm Thickness: 1.0mm
- ▶ Column height: 1000mm Thickness: 1.0mm
- ▶ Material: 201 stainless steel
- ▶ Drive: 24V brushless motor
- ▶ Width: 1.5M-2.2M customizable
- ▶ Color: Titanium Black, Bright Silver
- ▶ Installation method: Expansion bolts/engineering adhesive
- ▶ Guardrail length: 1.8M-2.4M can be customized



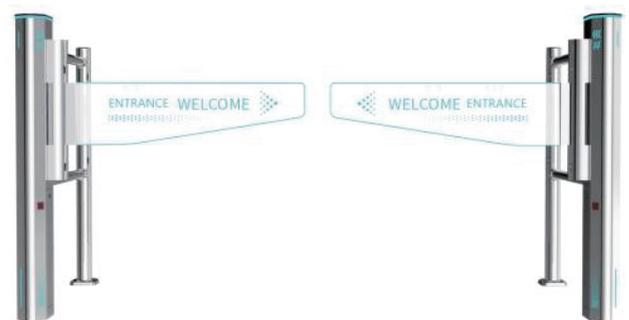
GT9201S with 2 posts

FEATURES

- ▶ Customizable voice prompts and acrylic swing arm logo for brand consistency
- ▶ One-piece CNC high-precision aluminum arm, customizable and ready for same-day shipment
- ▶ Advanced safety detection ensures a secure, smooth passage and prevents accidents
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TECHNICAL SPECIFICATIONS

- ▶ Chassis height: 1100mm Thickness: 1.0mm
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- ▶ Material: 201 stainless steel
- ▶ Drive: 24V brushless motor
- ▶ Width: 1.5M-2.2M customizable
- ▶ Color: Titanium Black, Bright Silver
- ▶ Installation method: Expansion bolts/engineering adhesive
- ▶ Guardrail length: 1.8M-2.4M can be customized



*Note: Additional models can be provided upon request; advance demand forecasting is encouraged.

RF Systems Overview

Model		Mono				Dual			
		CA3000L/S -G06	CA3001L -G06	CA35L/X -G09	CA36L/X -G09	CA3000L/S -G07	CA3001L -G07	CA35L/X -G07	CA36L/X -G07
Remote Service		O	X	O	O	X	X	X	X
People Counting		X	X	O	O	X	X	O	O
Air Synchronization		√	√	√	√	X	X	X	X
Software Configuration		√	√	√	√	X	X	X	X
Auxiliary Relay		X	X	√	√	X	X	X	X
Tag-Too-Close Alert		√	√	√	√	X	X	X	X
Alarm Light Colors		1	1	7	7	1	1	1	1
Background Light Colors		X	X	7	7	X	X	X	X
Adjustable Alarm Volume		√	√	√	√	√	√	√	√
Adjustable Alarm Speed Adjustable		√	√	√	√	X	X	X	X
Alarm Light/Sound Duration		√	√	√	√	X	X	X	X

Note: √= Feature Included; X= Feature Excluded; O= Optional.

AM Systems Overview

Model	CA78L/X -G58	CA79L/X -G58	CA3500L/S -G56	CA3501L -G56	CA7701 -G69	CA78L/X -G58 (+MD)
Remote Service	O	O	O	O	O	O
People Counting	O	O	X	X	X	O
Metal Detection Integrated	X	X	X	X	X	√
Air Synchronization	√	√	√	√	√	√
Software Configuration	√	√	√	√	√	√
Auxiliary Relay	√	√	X	X	5	√
110/220 VAC Switchable PSU	√	√	X	X	√	√
Tag-Too-Close Alert	√	√	√	√	√	√
Alarm Light Colors	7	7	1	1	X	1+1
Background Light Colors	7	7	X	X	X	X
Adjustable Alarm Volume	√	√	√	√	√	√
Adjustable Alarm Speed	√	√	√	√	√	√
Adjustable Alarm Sound Duration	√	√	√	√	√	√

Note: √= Feature Included; X= Feature Excluded; O= Optional.

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