

RETAIL LOSS PREVENTION

A Provider of Retail Loss Prevention Solution



01 INTRODUCTION

Etagtron is a high-tech enterprise offering professional management platform, intelligent RFID solution and smart loss prevention since 2000. With the core technologies of RFID and EAS, our business fields have scaled from retail sector to automotive logistics sector. Utilizing advancing and innovative intelligent techniques, we can effectively help enterprises realize the intelligent whole chain management and the transformation of ‘New Retail’ mode through intelligent cloud platform with the functions of big data identification, traceability and optimization. We have offered professional services including consulting, design, R&D, execution and training to thousands of leading brands worldwide.

 High-tech enterprise

 80+employees
20+ R&D

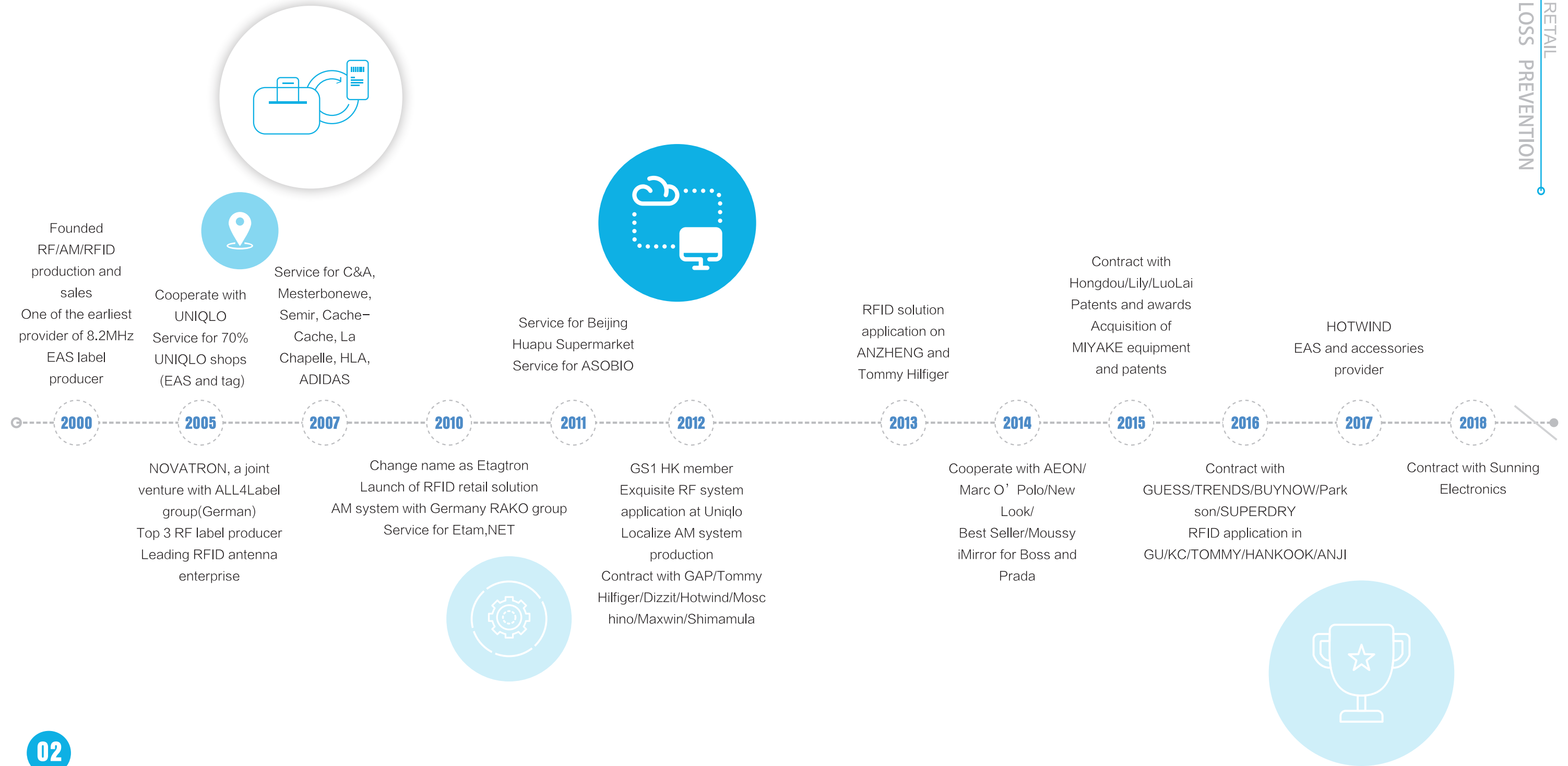
 China Federation of Logistics
& Purchasing Member

 40+Patents
15+Software certificates

 IOT solution provider
Loss prevention solution provider
RFID+ NEW RETAIL technology

 EAS over 18+ Years
100+ Retail brands

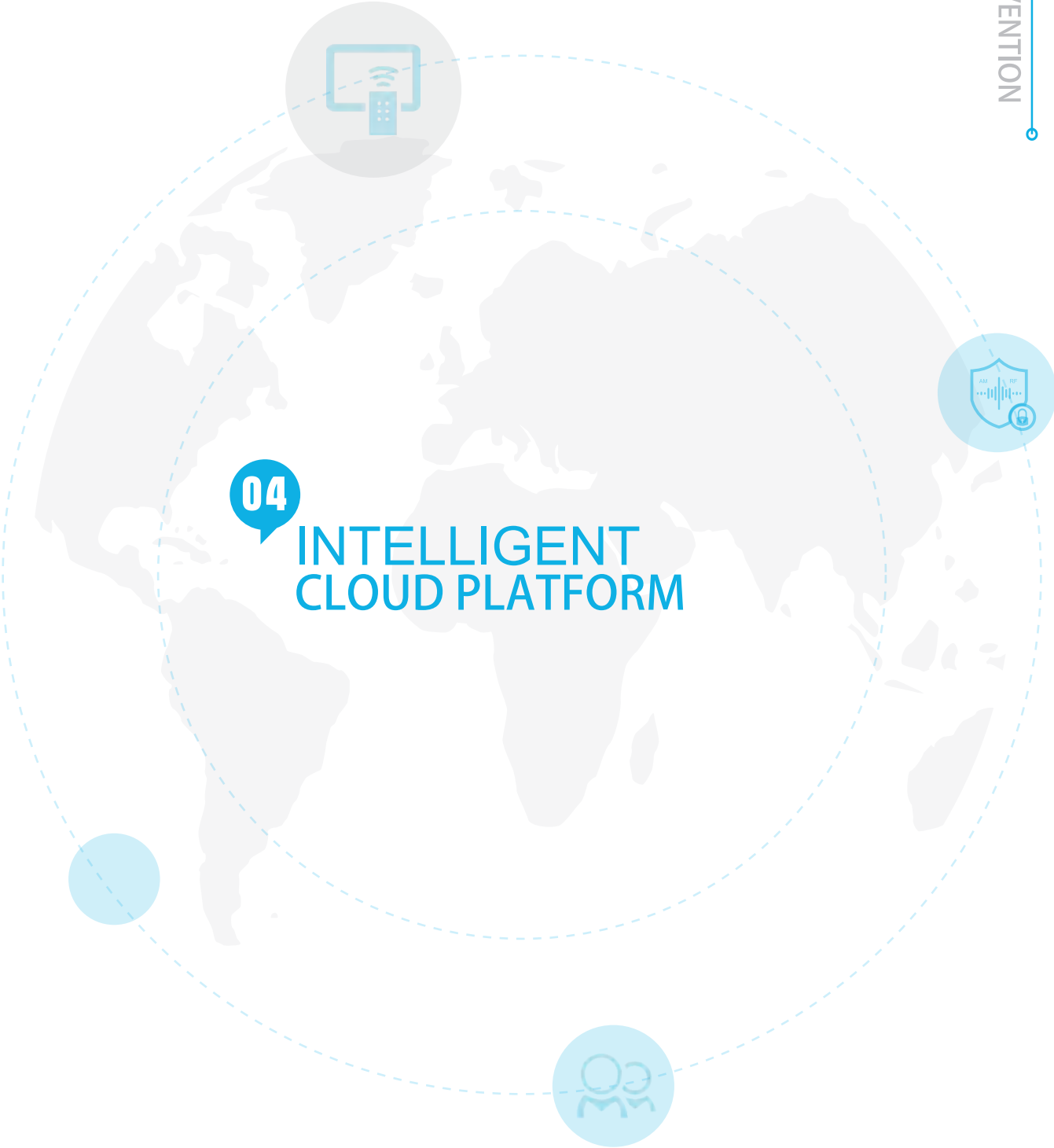
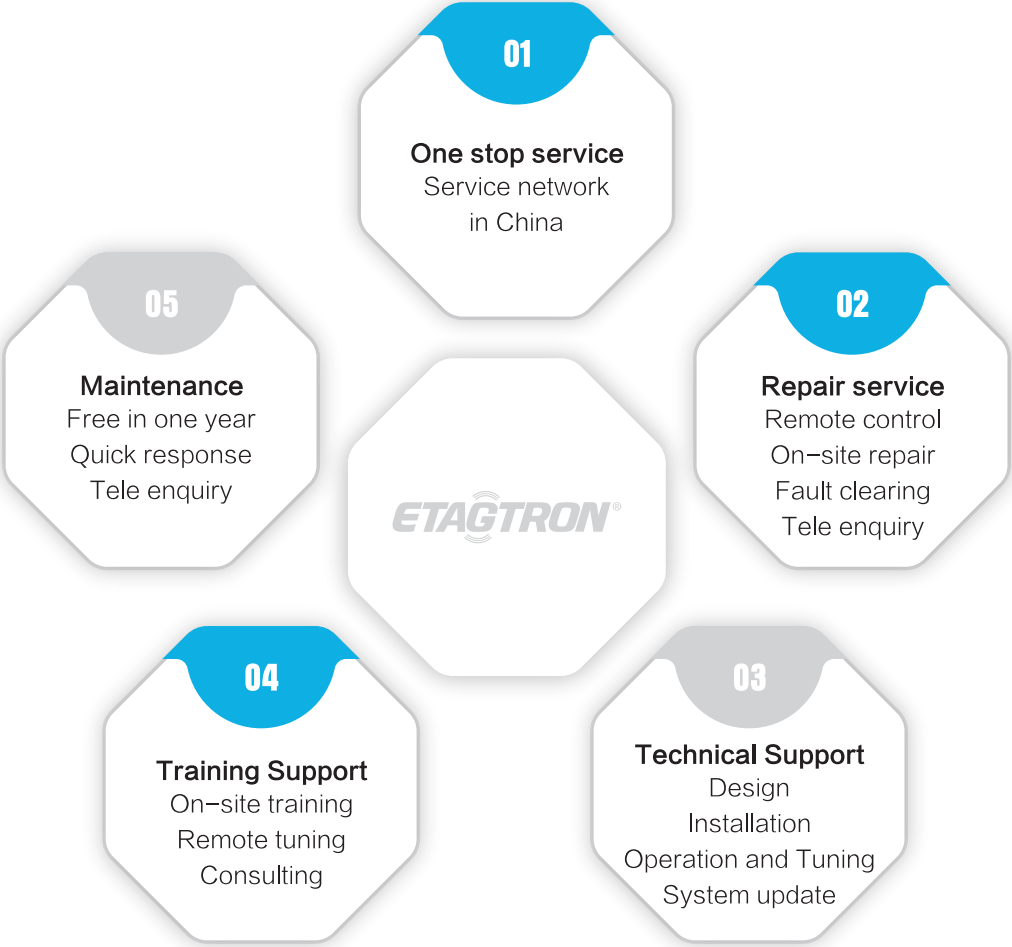
 CCFA Loss Prevention Member
GS1 Hongkong Member



02

CORPORATE HISTORY

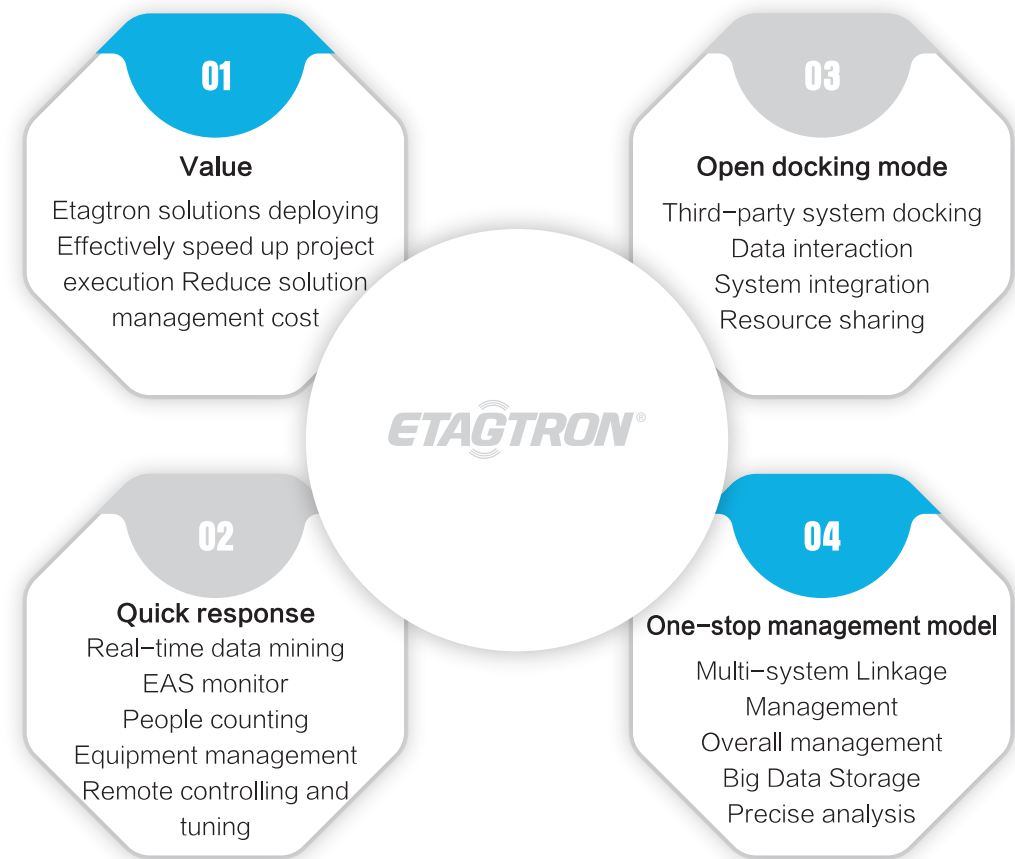
03
OUR
SERVICE



INTELLIGENT CLOUD PLATFORM

‘NEW RETAIL’ promotes the transformation and upgrading of the whole retail industry by merging online, offline and logistics integrating ‘retail’ with ‘new technology’ to change traditional shopping experience into a seamless experience by boosting their operational efficiency.

Etagtron intelligent cloud platform utilizes Internet of Things (IOT) technology such as ‘Sense, Transmission, Knowledge and Utilization’ . Integrating with RFID, wireless sensor, cloud computing, big data and security technologies, a brand can rely on these technologies to quickly scan and read the RFID label throughout the processes of receiving, stocktaking, inventory, shop management and security to identify and track the real-time status of articles. This application of item-level management can effectively improve operation efficiency, reduce loss prevention and obtain efficient big data for business insight.



INTELLIGENT EAS SERIES

PG506L



Color: Grey

Characteristic

RFID

RFID

RF8.2MHz

PG

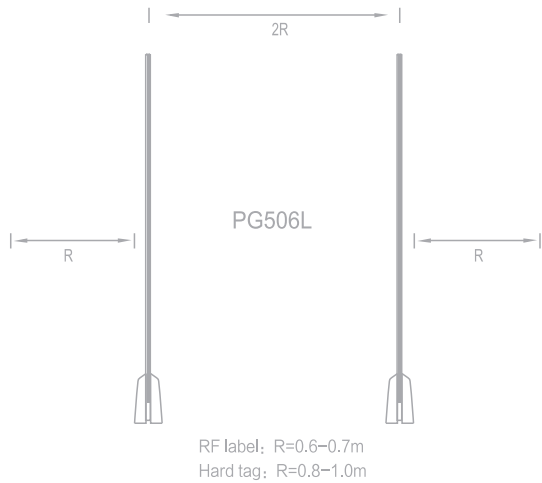
Acrylic

People Counting

Remote Tuning

- Dual frequencies RFID+RF
- Item track and trace
- RFID-based EAS alarm
- Loss prevention visualization
- Replenish stolen items to reduce out-of-stocks
- People counting and flow statistics

Detection range



Remarks: The detection range is the figures generated by the system in normal operation environment by using Etagtron label and tag for reference only.

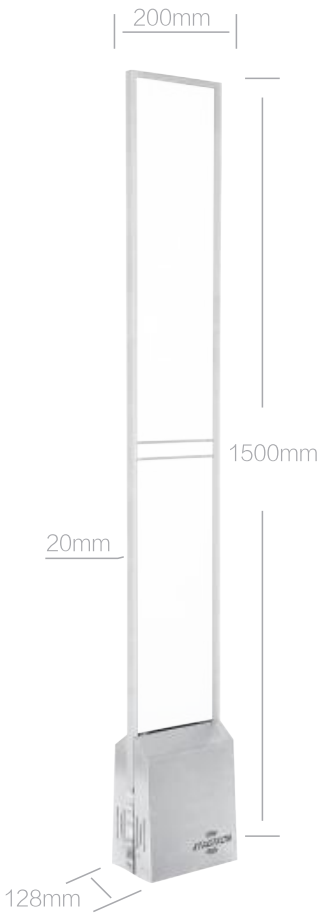
Tag chip	Impinj Indy™R2000
Installation distance(Max.)	≤1.8m(RF only)≤2.0 (RFID Only)
Size	1520mmx296mmx130mm
Weight	18kg
Function	Infrared people counting, EAS/RFID anti-theft,
Interface	RS-232 、 RJ45
Operation mode	High-speed processor for autonomous operation or external industrial computer
Antenna	Connected with two or four antennas with different modules

Protocol	ISO 18000 - 6C/EPC Global C1G2
Frequency	ETSI, 865~867MHz FCC, 902~928MHz CCC, 920~925MHz、840~845MHz NCC, 924~927MHz
Transmitting Power	0dBm~+30dBm
Receiving sensitivity	-83dBm (R2000)
Modulation mode	BSD_ASK/M0/40KHz; PR_ASK/M2/250KHz; PR_ASK/M2/300KHz; BSD_ASK/M0/400KHz
Power supply	Power adaptor
Input voltage	220V
Working temperature	- 20℃~+70℃
Storage temperature	- 40℃~+70℃
Humidity	10%~90%



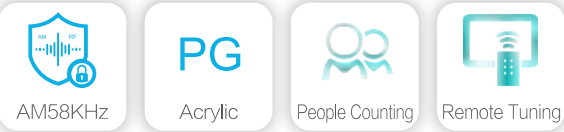
EAS · AM

PG200



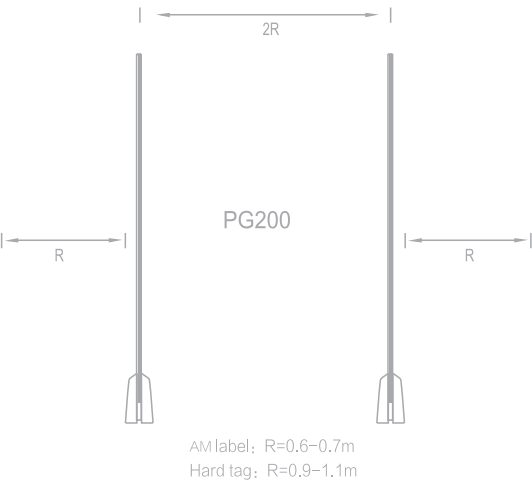
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Characteristic



- Superior acrylic material, elegant and transparent
- Single, double and multi antennas for the option
- Easy to tune without external controller
- Resistance to same frequency interference
- Remote equipment tuning (optional)
- Ports with infrared people counting equipment
- Ports to monitor hard disk recorders

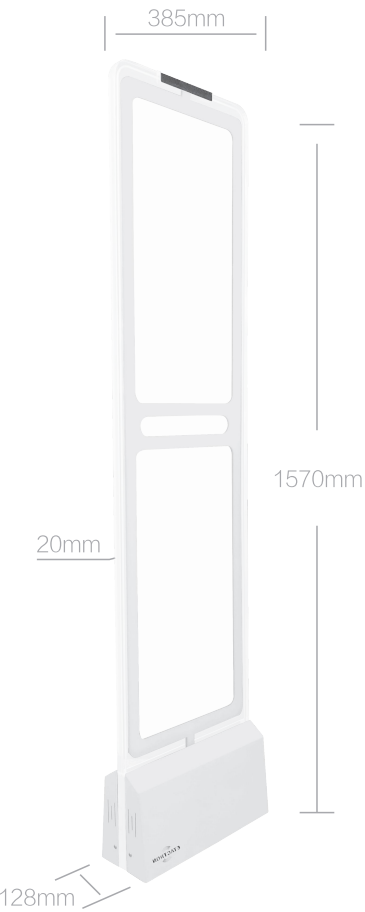
Detection range



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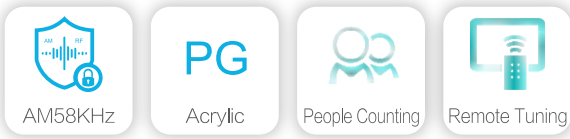
EAS · AM

PG212B



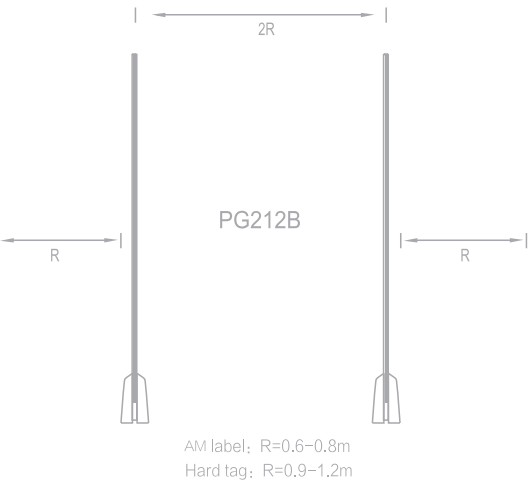
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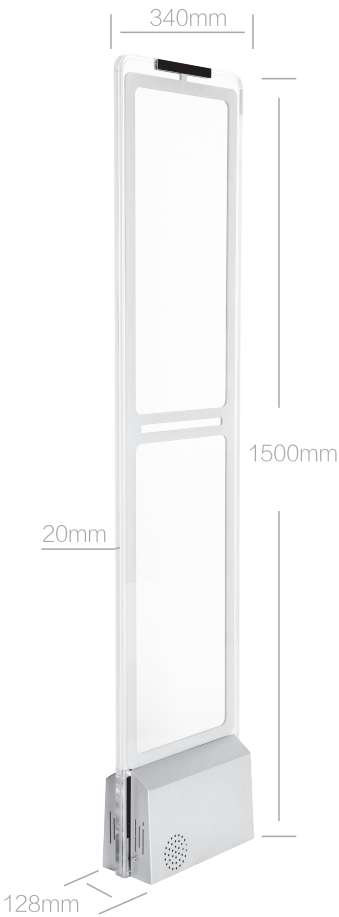
Detection range



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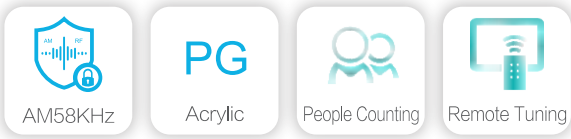
EAS · AM

PG218



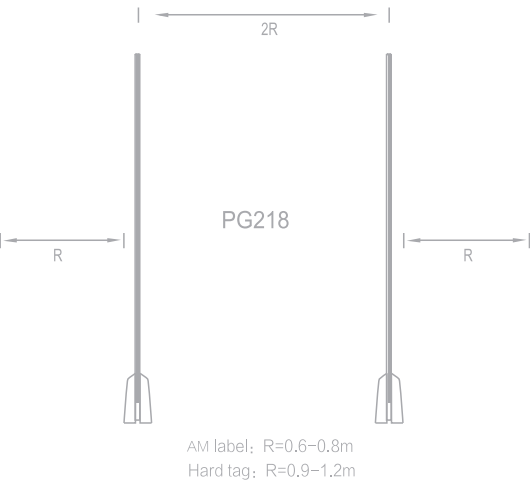
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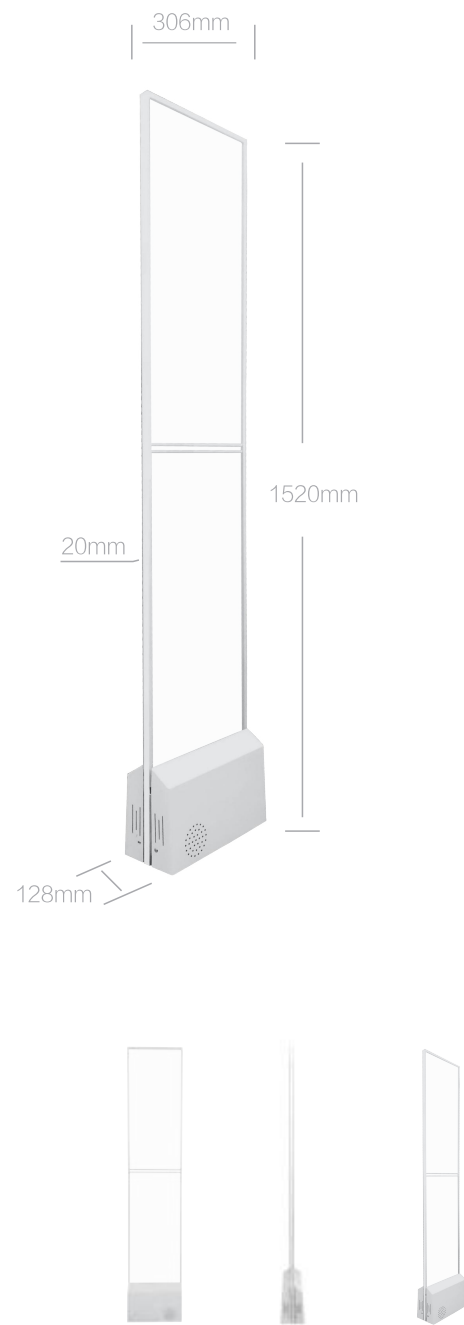
Detection range



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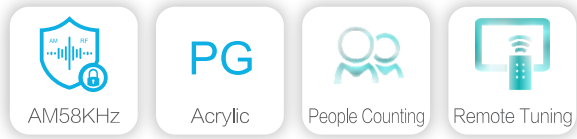
EAS · AM

PG300



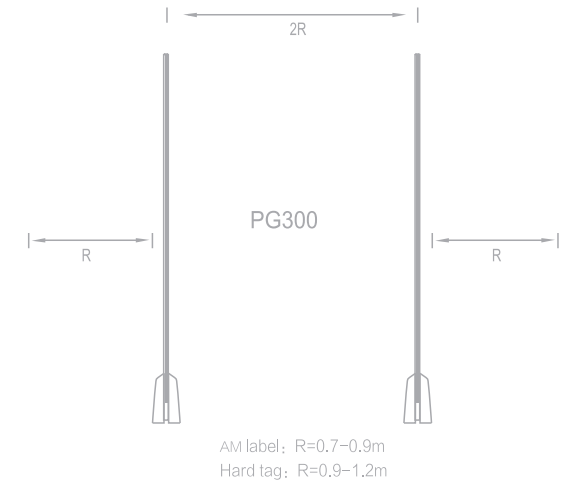
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Characteristic



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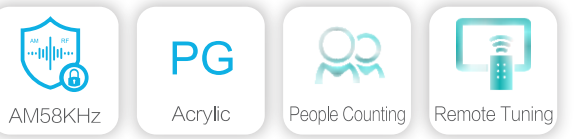
EAS · AM

PG309



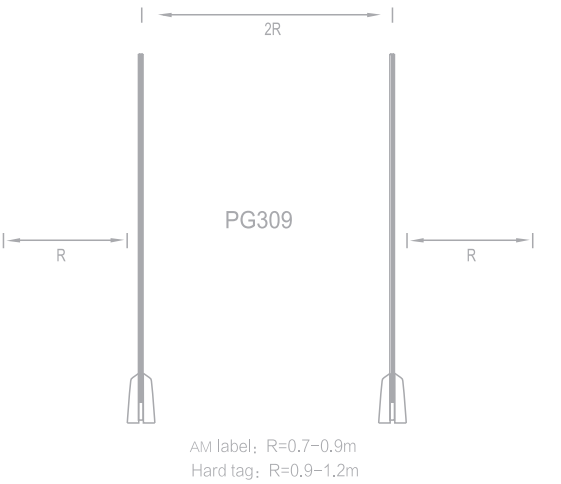
Color: Black ■ White □ Grey ■

Characteristic



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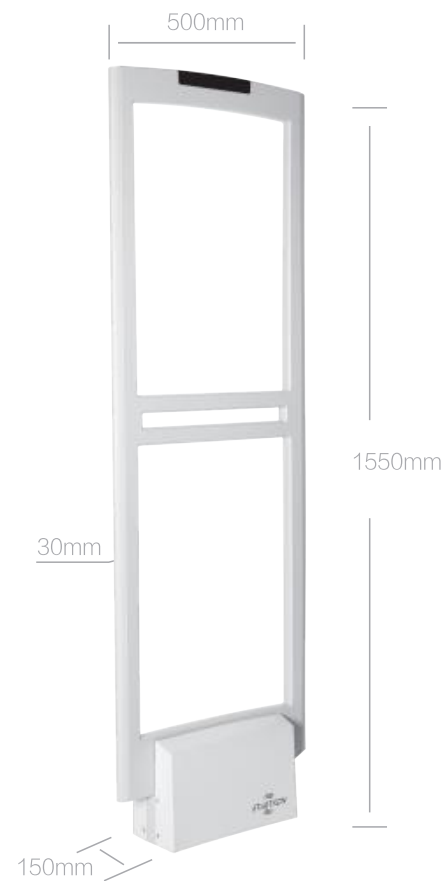
Detection range



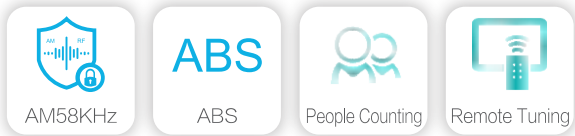
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EAS · AM

PT209

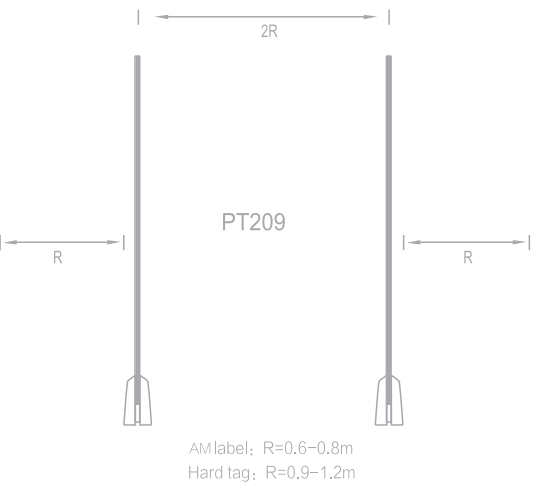


Characteristic



- Superior ABS material, elegant and transparent
- Single, double and multi antennas for the option
- Easy to tune without external controller
- Resistance to same frequency interference
- Remote equipment tuning (optional)
- Ports with infrared people counting equipment
- Ports to monitor hard disk recorders

Detection range

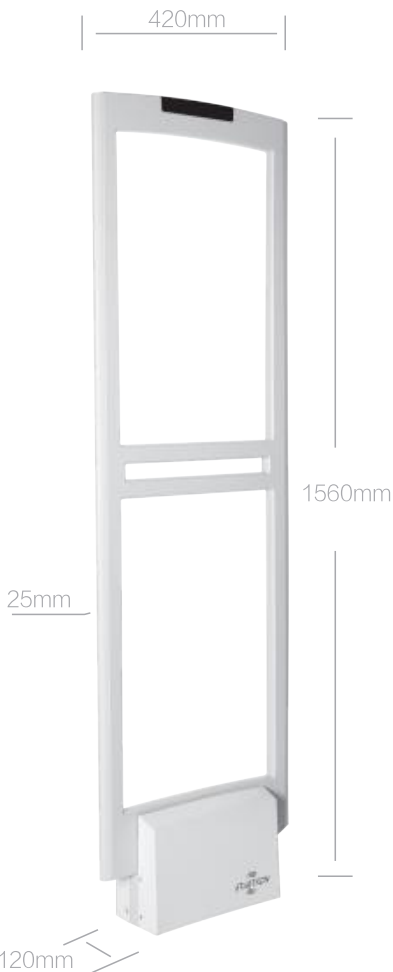


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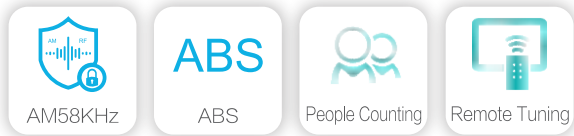
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EAS · AM

PT309

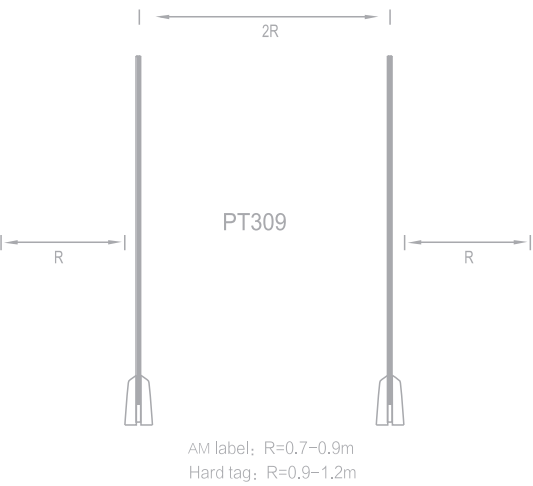


Characteristic



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- Ports to monitor hard disk recorders

Detection range

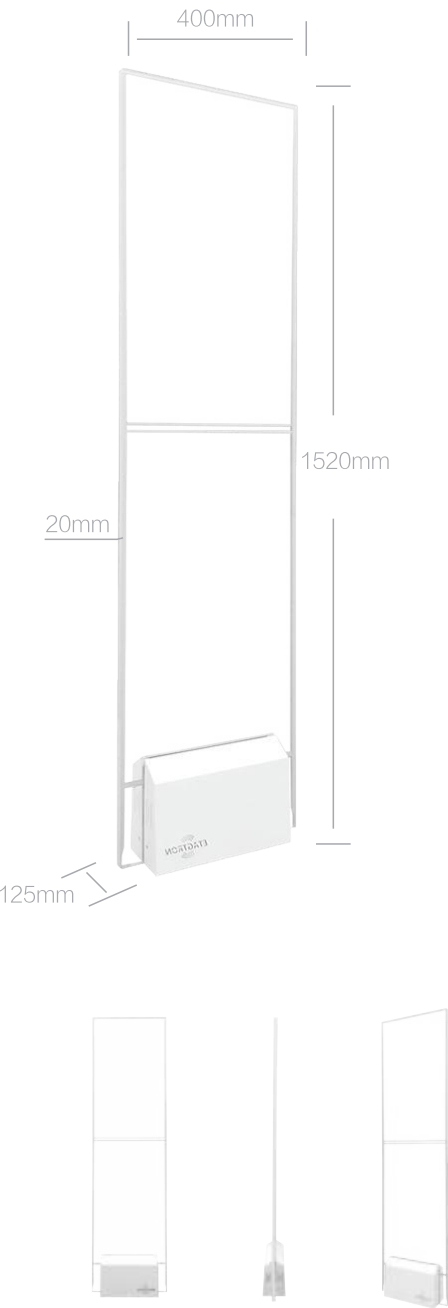


Color: Black ■ White □ Grey ■

Remarks: The detection range is the figures generated by the system in normal operation environment by using Etagron label and tag for reference only.

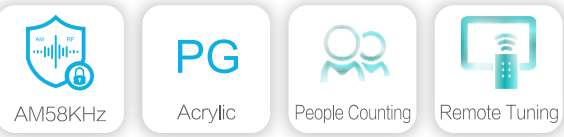
EAS•AM

PG400



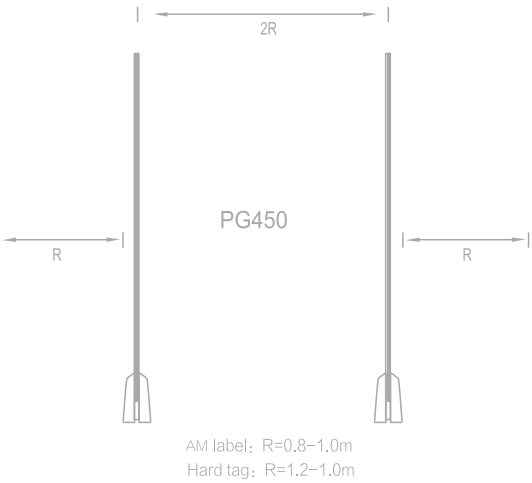
Color: White

Characteristic



- Superior acrylic material, elegant and transparent
- Single, double and multi antennas for the option
- Easy to tune without external controller
- Resistance to same frequency interference
- Remote equipment tuning (optional)
- Ports with infrared people counting equipment
- Ports to monitor hard disk recorders

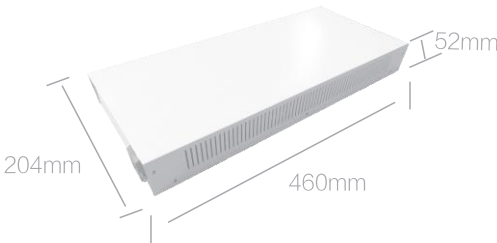
Detection range



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EAS•AM

ET6800

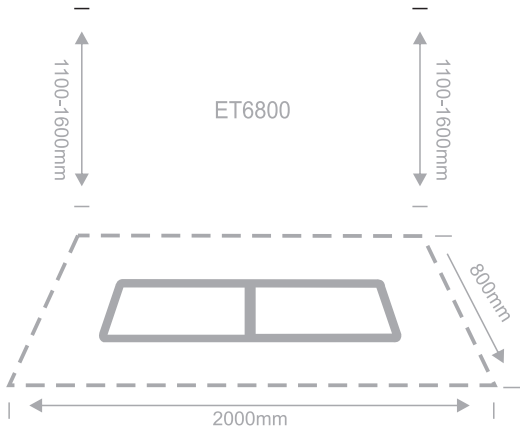
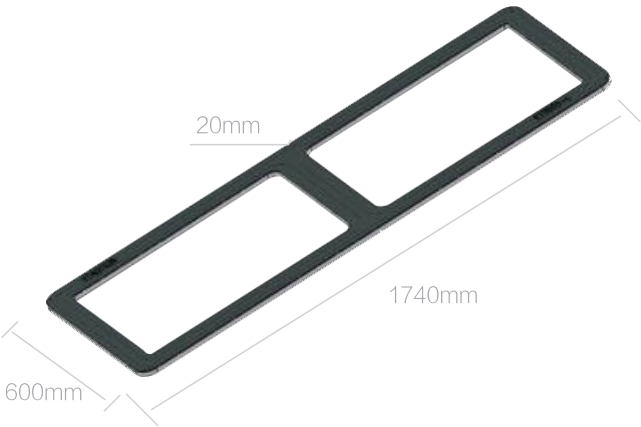


Characteristic



- AM technology
- Concealed AM detection system
- Concealed floor antenna with no effects on customer flow
- Easy to install in any types of floor materials (excl. metal scraper blanket)
- High rate of detection
- Low fault rate

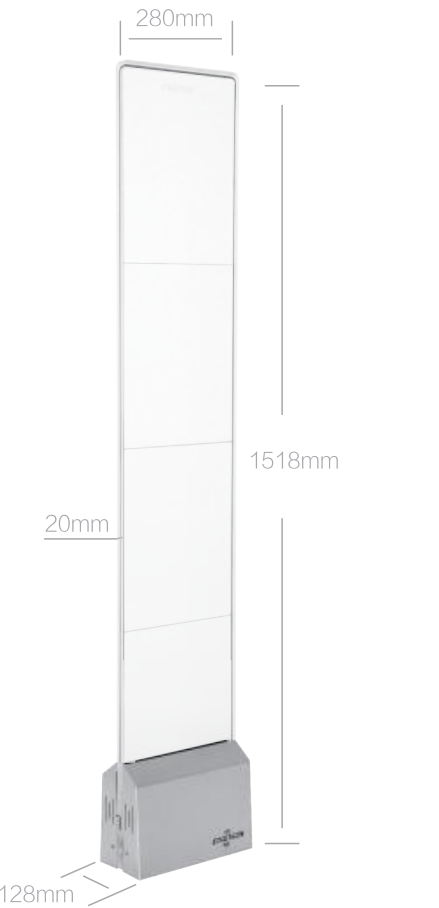
Detection range



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EAS · RF

PG308L MONO

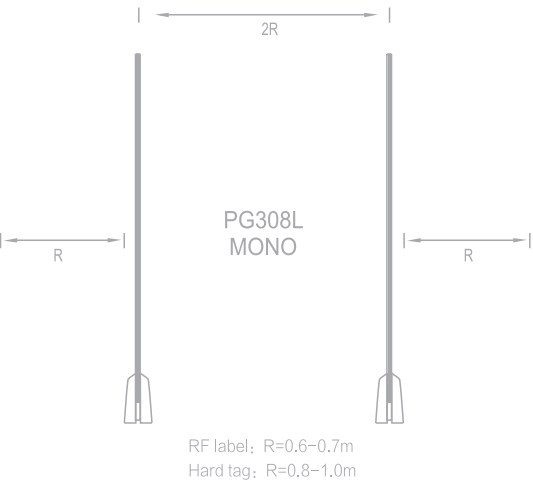


Characteristic



- Superior acrylic material, elegant and transparent
- Single, double and multi antennas for the option
- Easy to tune without external controller
- Remote equipment tuning (optional)
- Ports with infrared people counting equipment
- Compatible with 8.2MHz RF Label and tag

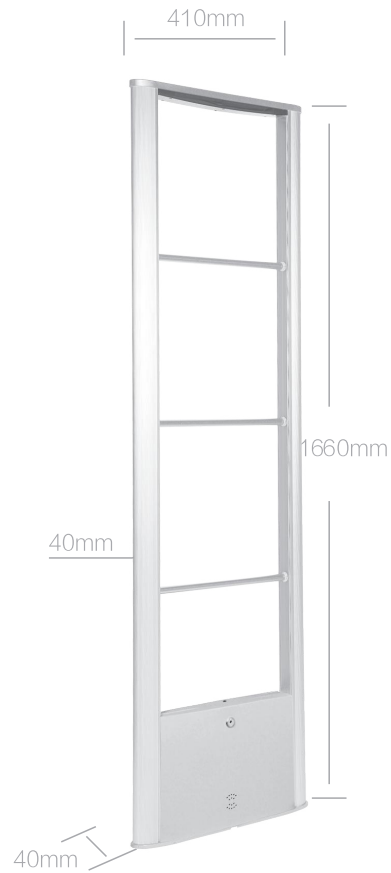
Detection range



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EAS · RF

A209

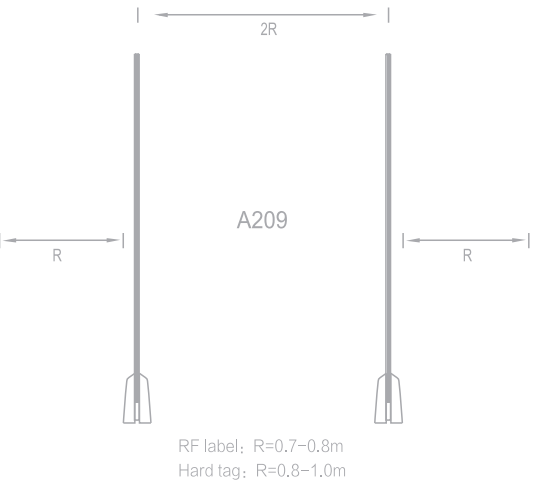


Characteristic



- Aluminum alloy material, sturdy and durable
- Concise design and elegant frame
- Leading DSP technology
- High cost effective
- Easy to install and tune
- Compatible with 8.2MHz RF Label and tag


Detection range








Remarks: The detection range is the figures generated by the system in normal operation environment by using Etagron label and tag for reference only.



Smart EAS Tag

Shape	Model No.	Frequency	Dimension	Color	Lock	Package
 <small>Patent NO ZL 2015 2 0729985.1</small>	Smart Arc Tag (NO. 001)	58KHz / 915MHz 8.2MHz / 915MHz	80mm×30mm×23mm (3.14"×1.18"×0.90")	Black/Grey/White	Strong Lock	500pcs/bag


AM Hard Tag


Shape	Model No.	Frequency	Dimension	Color	Lock	Package
	Mini Pencil Tag (No.001/AM)	58KHz	45mm×19mm×14mm (1.77" × 0.75"× 0.55")	Black/Grey/White or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Pencil Tag (No.003/AM)	58KHz	56mm×19mm×12mm (2.20" × 0.75"× 0.47")	Black/Grey/White or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Pencil Tag with Lanyard (No.008/AM)	58KHz	55mm×13mm (2.16" × 0.51") with 135mm lanyard	Black/Grey/White or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Acute Pencil Tag (No.018/AM)	58KHz	60mm×19mm×14mm (2.36" × 0.74"× 0.55")	Black/Grey/White or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Wave Tag (No.020/AM)	58KHz	65mm×17mm×18mm (2.56" × 0.67"× 0.7")	Black/Grey/White or customized	Three balls clutch, Standard/Super	1,000pcs/carton

AM Label



Shape	Model No.	Frequency	Dimension	Color	Glue
	DR Label	58KHz	45mmx10mmx2mm (1.77"x0.39"x0.079")	White/Barcode/ Black	Hot melt


AM Deactivator

Shape	Model No.	Electrical Specification					Mechanical Specification		
		Deactivation height	Frequency range	Power supply	Red LED	Sound	Dimension	Package	Weight
	CT-580	up to 120mm	58KHz	Input 220VAC Output 18VAC	Deactivator active, on	Buzzer	260mm×210mm ×75mm (Decoder)	380mm×240mm ×110mm	2kg


Shape	Model No.	Electrical Specification						Mechanical Specification		
		Deactivation height	Frequency range	Power supply	Red LED	Sound	Operation temperature	Dimension	Package	Weight
	CT-550	Up to 150mm	58KHz	AC/AC adapter, 24VDC	Deactivator active, on	Buzzer	0℃-45℃	230mm×180mm×5mm (Deactivation Pad) 210mm×150mm×57mm (Decoder)	350mm×300mm ×150mm	3.8kg

Alarm Tag



Shape	Model No.	Frequency	Dimension	Detection range	Color	Lanyard length	Battery life
	Spider Guard (SA001)	58KHz 8.2MHz	Φ75mm×53mm (Φ2.87"×2.09")	1250mm-1400mm (4.10'- 4.59')	Black/White/Grey or customized	1950mm×2pcs	3-5 years
	Mini Spider Guard (SA002)	58KHz 8.2MHz	Φ45mm×46mm (Φ1.77"×1.81")	1250mm-1400mm (4.10'- 4.59')	Black/White/Grey or customized	1300mmpcs	2 years

Shape	Model No.	Frequency	Dimension	Cable length	Color	Alarm volume	Battery life
	Thriple Alarm Cable Tag (SA003)	58KHz 8.2MHz	90mm×42mm×18mm (3.54"×1.65"×0.71")	≥100mm(78")	Black/White/Grey or customized	90±5dB	3-5 years







Golf Tag

Shape	Model No.	Frequency	Dimension	Aperture	Color	Weight
	Golf Tag (NO.015)	58KHz 8.2MHz	56mm×33mm×28mm (2.2"×1.3"×1.06")	Φ8.5mm(Φ0.334")	Black/White/ Grey or customized	19.9g(0.7 Ounce)

Optical Tag

Shape	Model No.	Frequency	Dimension	Color	Lock	Package
	Optical Tag (No.004)	58KHz	27mm×28mm (1.06"×1.10")	White or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Optical Tag (No.005)	58KHz	25mm×25mm (0.98"×0.98")	White or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Optical Tag (No.006)	8.2MHz 58KHz	41mm×37.7mm×20.9mm (1.61"×1.48"×0.82")	Grey or customized	Three balls clutch, Standard/Super	1,000pcs/carton

Bottle Tag

Shape	Model No.	Frequency	Dimension	Color	Lock	Package
	Bottle Tag (No.003)	8.2MHz 58KHz	Φ50mm (Φ1.97")	Black or customized	Three balls clutch, Standard/Super	500pcs/carton
	Milk Tag (No.009)	8.2MHz 58KHz	Φ50mm (Φ1.97")	Black or customized	Three balls clutch, Standard/Super	500pcs/carton
	Milk Cover (No.010)	8.2MHz 58KHz	Φ112mm×39mm (Φ4.4"×1.53mm) Φ140mm×44mm (Φ5.51"×1.73mm)	Grey or customized	Three balls clutch, Standard/Super	500pcs/carton
	Milk Clamp (No.011)	8.2MHz 58KHz	68mm×40mm×15mm (2.67" × 1.57"× 0.59")	Grey/White or customized	Three balls clutch, Standard/Super	500pcs/carton
	Bottle Tag (No.012)	8.2MHz 58KHz RFID915M	Φ44mm×81mm (Φ1.73"×3.18mm)	Black or customized	Three balls clutch, Standard/Super	500pcs/carton
	Bottle Tag (No.013)	8.2MHz 58KHz RFID915M	Φ53mm×80mm (Φ2.09"×3.15mm)	Black or customized	Three balls clutch, Standard/Super	500pcs/carton

Safer

外形	Model No.	Dimension	Lock	Package	Material
	Battery Safer (No.003)	112mm×84mm×38mm (4.40"×3.30"×1.50")	Standard	50pcs/ctn, 0.035CBM, 3.5kg(GW)	PC transparent material
	Cartridge Safer (No.007)	53mm×52mm×119mm (2.09"×2.05"×4.68")	Standard	120pcs/ctn, 0.035CBM, 15kg(GW)	PC transparent material
	Multi-function Safer (No.008)	154mm×120mm×51mm (5.06"×4.72"×2.01")	Standard	80pcs/ctn, 0.035CBM, 14.8kg(GW)	PC transparent material
	Large Safer (No.009)	245mm×92mm×124mm	Standard	—	PC transparent material
	Middle Sized Safer (No.010)	146mm×34mm×118mm	Standard	—	PC transparent material
	DVD Safer (No.011)	153mm×220mm×21mm	Standard	—	PC transparent material
	Cigarette Safer (No.012)	293mm×108mm×72mm	Standard	—	PC transparent material








RF Hard Tag

Shape	Model No.	Frequency	Dimension	Color	Lock	Package
	Mini Square (No.001/RF)	8.2MHz	46mm×42mm (1.81"×1.65")	Black/Grey/White or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Large Square (No.004/RF)	8.2MHz	66mm×55mm (2.60"×2.17")	Black/Grey/White or customized	Three balls clutch, Standard/Super	500pcs/carton
	Mini Dome (No.015/RF)	8.2MHz	Φ45mm (Φ1.77")	Black/Grey/White or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Middle Dome (No.016/RF)	8.2MHz	Φ54mm (Φ2.13")	Black/Grey/White or customized	Three balls clutch, Standard/Super	500pcs/carton (with pin)
	R50 (No.019/RF)	8.2MHz	Φ50mm (Φ1.97")	White/Beige or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	X50 (No.022/RF)	8.2MHz	Φ50mm (Φ1.97")	Black/Grey/White or customized	Three balls clutch, Standard/Super	500pcs/carton (with pin)


Ink Tag



Shape	Model No.	Dimension	Color	Lock	Package
	Ink Tag (No.003)	Φ54mm (Φ2.13")	Black or customized	Three balls clutch, Standard/Super	500pcs/carton
	Ink Tag (No.006)	55mm×26mm (2.17" × 1.02")	Light grey or customized	Three balls clutch, Standard/Super	1,000pcs/carton
	Ink Tag (No.008)	43mm×27mm (1.69" × 1.06")	Transparent or customized	Three balls clutch, Standard/Super	1,000pcs/carton

RF.EAS Label







Shape	Model No.	Dimension	Distance	Max.thickness	Release Liner	Winding	Glue	Frequency
	3030	30mm x 30mm (1.18"x1.18")	3mm (0.12")	≈200μm	Yellow/Blue glassine silicone paper	Label outside	Hot melt	8.2MHz (±5%)
	4040	40mm x 40mm (1.57"x1.57")	3mm (0.12")	≈200μm	Yellow/Blue glassine silicone paper	Label outside	Hot melt	8.2MHz (±5%)
	5050	50mm x 50mm (1.97"x1.97")	3mm (0.12")	≈200μm	Yellow/Blue glassine silicone paper	Label outside	Hot melt	8.2MHz (±5%)
	5315	53mm x 15mm (2.08"x0.59")	3mm (0.12")	≈200μm	Yellow/Blue glassine silicone paper	Label outside	Hot melt	8.2MHz (±5%)
	R42	Φ42mm (1.65")	3mm (0.12")	≈200μm	Yellow/Blue glassine silicone paper	Label outside	Hot melt	8.2MHz (±5%)
	Meat Label 4040	40mm x 40mm (1.57"x1.57")	3mm (0.12")	≈200μm	Yellow/Blue glassine silicone paper	Label outside	Hot melt	8.2MHz (±5%)
	F400/FZ400	40mm x 40mm (1.57"x1.57")	2.89mm (Not include the bottom paper)	0.31mm (Including the bottom paper)	White glassine silicone paper	Label outside	Hot melt	8.2MHz (±5%)

Deactivator





Shape	Model No.	Electrical Specification							
		Operating distance	Decoder	Frequency range	Pulse	Pulse repetition	RJ12 socket	RJ10 socket	
	DAV-200	200mm (Coupling with 4040 RF Label)	MSTB 2.5/STF (2 sockets)	7.6-8.8MHz	10s	200/sec (continuity)	Power+Synchronous wire (PSD-200)	Extended synchronous connection, feasible/infeasible, alarm	
	Electrical Specification					Mechanical Specification			
	System synchronization		Alarm (no volume control)		Power supply		Dimension		Weight
Cable system TX Board (UTB-102)		Internal (default) external selectable		AC/AC adapter 12 VDC/ 200mA		350mm×300mm×10mm (Deactivation Pad) 193mm×55mm×33mm (Decoder)			1.05kg

Shape	Model No.	Electrical Specification							Mechanical Specification	
		Operating distance	Frequency range	Power supply	Antenna connection	Red LED	Sound	Operation temperature	Dimension	Weight
	CT-330	150mm	7.4-9.0MHz	AC/AC adapter, 24VDC	2	Deactivator active, on	Buzzer	0℃-45℃	290mm×240mm×11mm (Deactivation Pad) 190mm×170mm×45mm (Decoder)	2.8kg
	CT-350	150mm	7.4-9.0 MHz	AC/AC adapter, 24VDC	1	Deactivator active, on	Buzzer	0℃-45℃	220mm×220mm×21mm	1.5kg



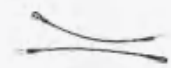
Detacher

Shape	Model No.	Dimension	Magnetic force	Weight
	Detacher (No.001)	Φ68mm×25mm (Φ2.68"×0.98")	>=4500GS	250g
	Detacher (No.003)	Φ68mm×45mm (Φ2.68"×1.77")	>=7500GS	360g
	Detacher (No.008)	Φ72mm×36mm (Φ2.83"×1.42")	>=8000GS	360g
	Detacher (No.011)	Φ70mm×45mm (Φ2.76"×1.77")	>=7500GS	350g
	Detacher (No.014)	Φ89mm×32mm (Φ3.5"×1.25")	>=8000GS	400g
	Strong Detacher (No.018)	Φ98.8mm×66.5mm (Φ3.89"×2.62")	>=15000GS	2210g

Pin

Shape	Model No.	Length	Surface	Package
	Flat Pin (No.002)	16mm/19mm/21mm (0.63"/0.75"/0.83")	Grooves	10,000pcs/carton
	Cone Pin (No.004)	16mm/19mm/21mm (0.63"/0.75"/0.83")	Grooves	10,000pcs/carton
	Plastic Cone Pin (No.009)	16mm/19mm/21mm (0.63"/0.75"/0.83")	Grooves	10,000pcs/carton
	Universal Pin (No.011)	16mm/19mm/21mm (0.63"/0.75"/0.83")	Grooves	10,000pcs/carton

Anti-theft Lanyard

Shape	Model No.	Length	Color	Package
	Metal String Lanyard (No.001)	175mm (6.89") or customized	---	10,000pcs/carton
	Double Loop Lanyard (No.002)	200mm (7.87") or customized	Black/White	10,000pcs/carton
	Pin Lanyard (No.003)	175mm (6.89") or customized	Black/White	10,000pcs/carton

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OUR CUSTOMERS



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