

RF Systems - Essential Series

Prepared for demanding & low-budget clients

The perfect unity of
performance and price

Targets to achieve

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



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Key Features

1 SUPERIOR PERFORMANCE

Long range detection
Enhanced noise immunity

2 HIGH QUALITY PRODUCTION

High quality molds and materials
Strict quality control system

3 EASY INSTALLATION

Built-in electronics
Simple configuration

Dimensions & Weights



Model	Description	Dimension (H*W*T) (mm)	Weight (kg)
CA3001L-G06	Mono system, plastic frame, standard size	1618.5*320*80	7.2
CA3001L-G07/F2T	Dual system - transmitter, plastic frame, standard size		6.0
CA3001L-G07/F2R	Dual system - receiver, plastic frame, standard size		19.5
CA3000L-G06	Mono system, acrylic frame, standard size	1555*350*117.5	18.1
CA3000L-G07/F2T	Dual system - transmitter, acrylic frame, standard size		11.8
CA3000L-G07/F2R	Dual system - receiver, acrylic frame, standard size		10.5
CA3000S-G06	Mono system, acrylic frame, slim size	1465*200*120	18.1
CA3000S-G07/F2T	Dual system - transmitter, acrylic frame, slim size		11.8
CA3000S-G07/F2R	Dual system - receiver, acrylic frame, slim size		10.5

Note:

(1) Master antenna: Transceiver antenna with all electronics integrated inside the antenna. Can work independently.

(2) Slave antenna: Transceiver antenna with only capacitor board and buzzer inside base of the antenna. Have to work with master antenna.

Detection Ranges

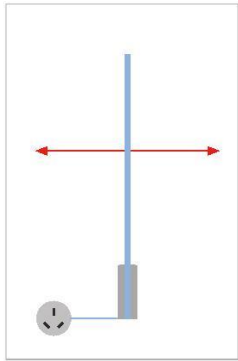
Tag	GF4040H		T013	
Pictures				
Systems	Mono (CAB06)	Dual (CAB07/F2)	Mono (CAB06)	Dual (CAB07/F2)
Ranges	cm (both sides)	cm (in between)	cm (both sides)	cm (in between)
CA3001L	75	140	90	170
CA3000L	75	140	90	170
CA3000S	70	130	85	160

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.

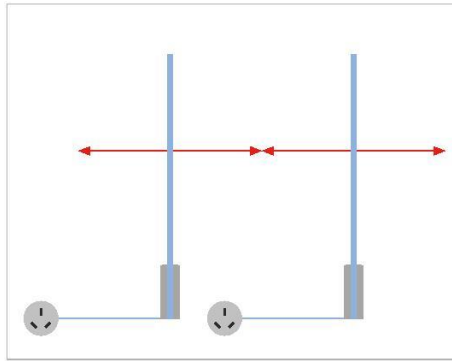
Specifications

Technical specifications		
Systems	Mono (CAB06)	Dual (CAB07/F2)
Central frequency	8.2MHz	
TX frequency bandwidth	7.6~8.7MHz	7.7~8.7MHz
Power consumption	16W	24W (pair)
Fuse of PSU	900mA (self-healing)	
Current (max)	1.9A	
Voltage (mains)	100~240VAC	
Voltage (input)	24VDC	
Alarm audio level	0~120dB	
Environmental requirements		
Temperature	0-50°C	
Relative humidity	0-90%, non-condensing	

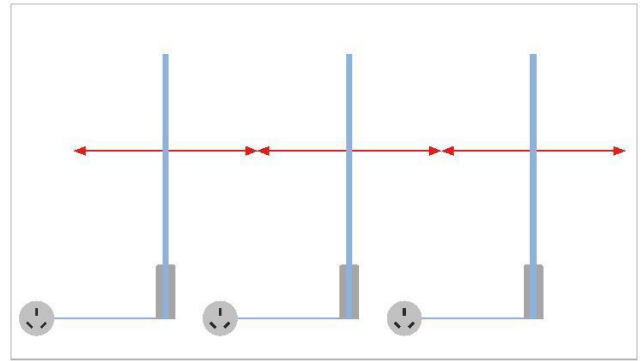
Mode of Combinations – Mono (CAB06)



Single

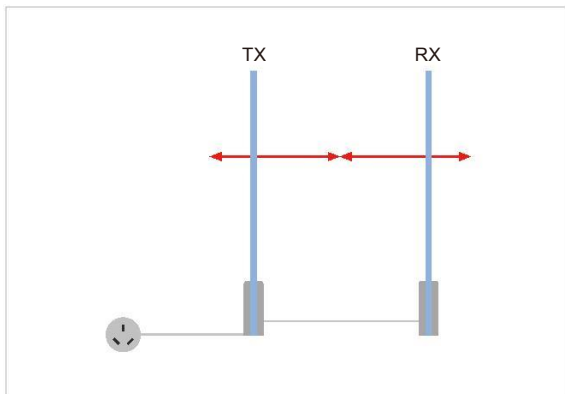


Double

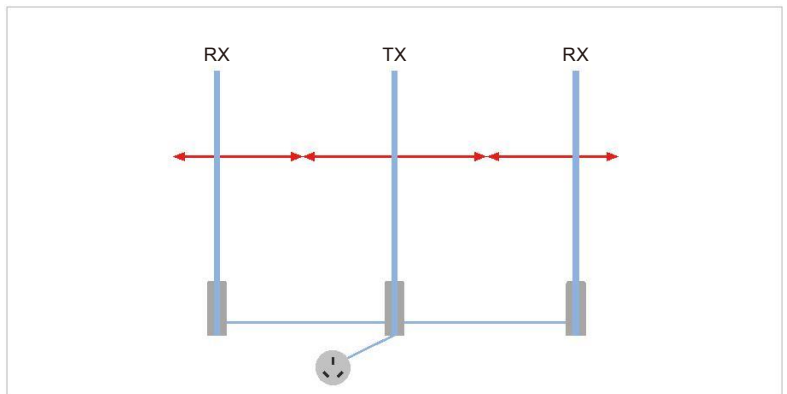


Multi

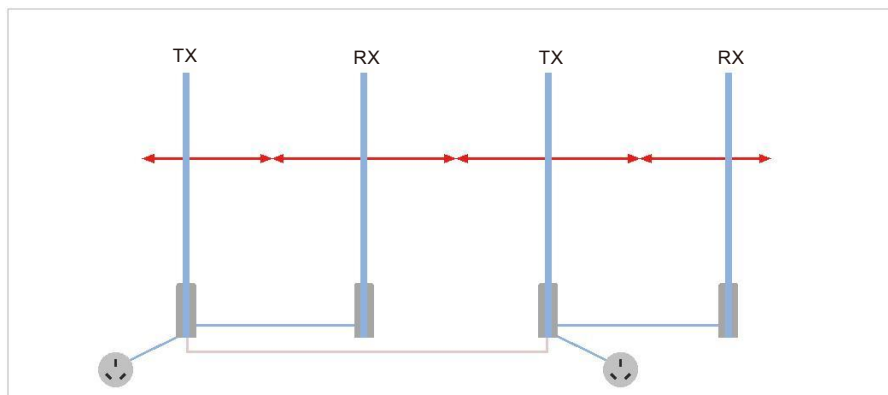
Mode of Combinations – Dual (CAB07/F2)



Single-Aisle



Dual-Aisle



Multi-Aisle

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

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