

## 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.



## Key Features

### 1 SUPERIOR PERFORMANCE

Long range detection  
Enhanced noise immunity

### 3 EASY INSTALLATION

Built-in electronics  
Simple configuration

### 2 HIGH QUALITY PRODUCTION

High quality molds and materials  
Strict quality control system

## Dimensions & Weights



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/F2T	Dual system - transmitter, aluminum frame, standard size		
CA3001L-G07/F2R	Dual system - receiver, aluminum frame, standard size		
CA3000L-G06	Mono system, acrylic frame, standard size	1555*350*117.5	15.4
CA3000L-G07/F2T	Dual system - transmitter, acrylic frame, standard size		
CA3000L-G07/F2R	Dual system - receiver, acrylic frame, standard size		
CA3000S-G06	Mono system, acrylic frame, slim size	1465*200*120	10.3
CA3000S-G07/F2T	Dual system - transmitter, acrylic frame, slim size		
CA3000S-G07/F2R	Dual system - receiver, acrylic frame, slim size		

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

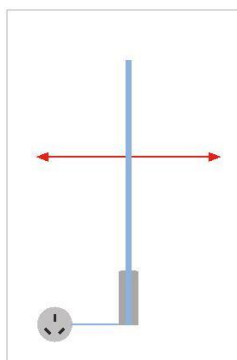
Tag	GF4040H		T013	
Pictures				
Systems	Mono (CAB06)	Dual (CAB07/F2)	Mono (CAB06)	Dual (CAB07/F2)
Ranges	cm (both sides)	cm (in between)	cm (both sides)	cm (in between)
CA3001L	75	140	90	170
CA3000L	75	140	90	170
CA3000S	70	130	85	160

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.

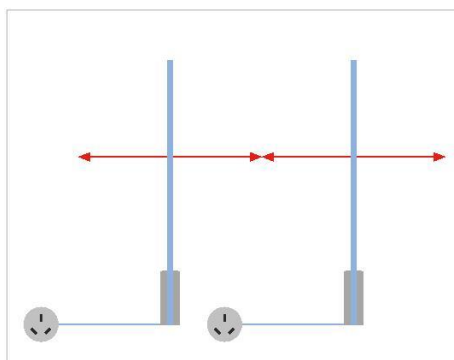
## Specifications

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	

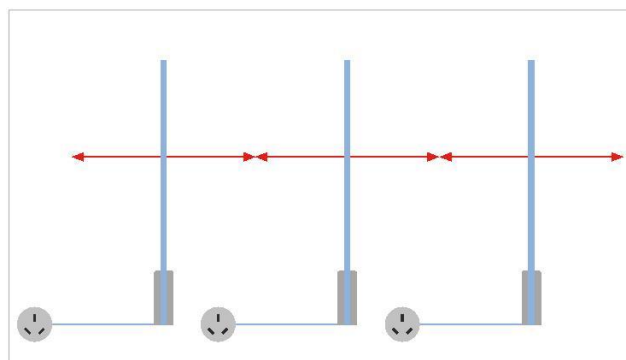
## Mode of Combinations – Mono (CAB06)



Single

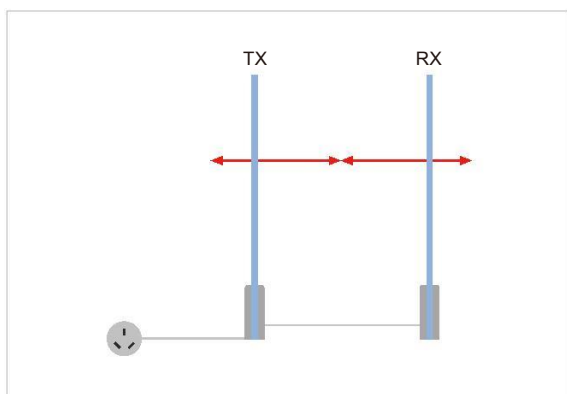


Double

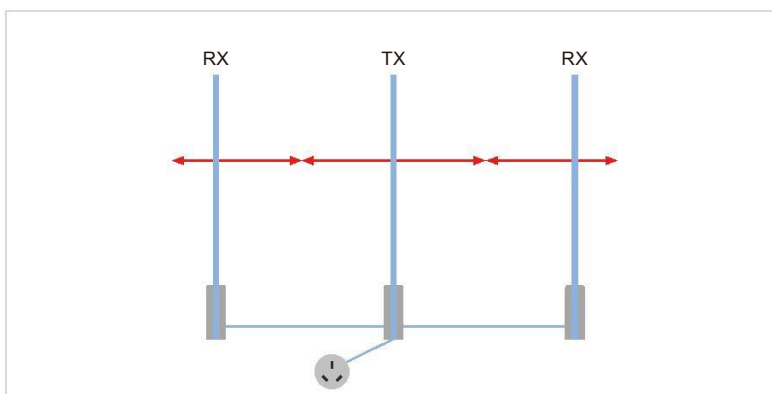


Multi

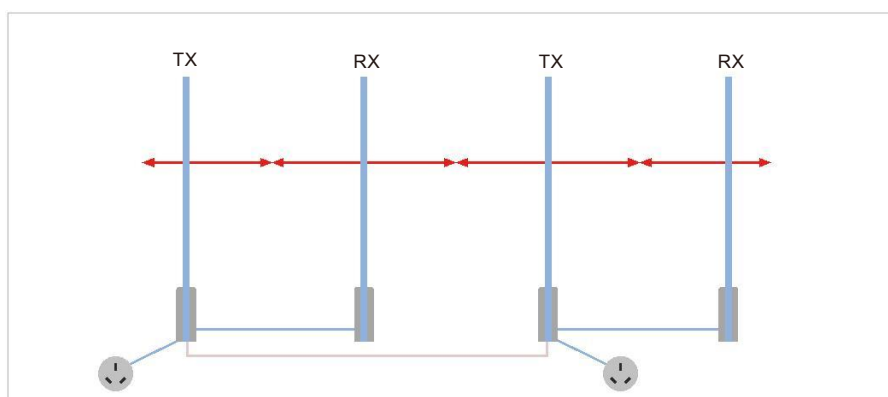
## Mode of Combinations – Dual (CAB07/F2)



Single-Aisle



Dual-Aisle



Multi-Aisle

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