



ADTECH

Pioneers in EAS



WE DELIVER PRODUCTS THAT HELP SECURE THE WORLD

We, with nearly three decades of excellence in Anti Shoplifting Solutions, have vision to empower companies and retail chains with high-end electronic security. Today, over 500 organisations trust and rely on Adtech for their safety concerns.

Our name is synonymous with Electronic Article Surveillance Systems (EAS), having introduced AM Technology in the country.

We take complete charge of your business safety environment with our integrated electronic security systems. Having partnered with leading global security companies, we provide you with a wide range of security products manufactured with cutting-edge technology.



0471 - 2363805



sales@adtechindia.in



EMMAR GRANDE ,First Floor,
TC 301868(1)(2),Harithagiri Nagar,
Kanjirampara (PO),
Thiruvananthapuram 695030



ADTECH HITEK+ EAS SYSTEMS

Our Continuous pursuit for excellence in technology coupled with aim for providing cost benefits to customers led us to new range of Anti Shoplifting system, the Adtech-Hitek+ range of EAS systems offering near fool proof safety at surprisingly low costs

Adding to low system cost, additional benefits like inbuilt transformers , acrylic advertising panels, too low power consumption etc gives additional cost benefits to customer . Low Tx current erases health concerns for shoppers

SHOP NOW!

**FLEXIBLE DIY &
COST EFFICIENT**

MONO RF ANTENNAS

STANDARD SERIES Frame Antenna Pedestal

MODEL : RFS4010X-M



A Mono master antenna is the antenna

- with mainboard;
- with or without match board;
- with power adapter.
- A Mono master antenna can work independently. In this case, no match board will be needed.

The benefits of HITEK+ Mono RF antennas

Master and slave antennas have exactly same antenna frame. By adding different electronics to an antenna frame, the antenna can be a master or a slave antenna.

The antenna frames and electronics have been specially designed so as to modify an antenna between master and slave conveniently.

Partners do not need to worry about quantities of master and slave antennas in their stock. Instead, they only need to have certain quantity of mainboards and match boards in their stock. When needed, they can modify easily and quickly by themselves at offices or even on sites of installations.

For a project in a store with several exits, for instance, we will use only master antennas to protect wide exits (e.g. 1.8m for 4*4 labels) and use master and slave antennas to protect relatively narrower exits (e.g. 1.6m for 4*4 labels).

When the detection range on back of antennas (not inside the aisle between two antennas) is requested to be as shorter as possible in order that more valuable space can be used for displaying commodities, a slave antenna can be used to create a combination with the master antenna as TRX+RX or TX+RX to meet the demand.

When a partner installs master and slave antennas to protect an exit as originally designed but unfortunately finds the bad detection caused by serious interference which cannot be removed, he can simply replace the match board on the slave antenna with a mainboard to solve this urgent problem.

Since master and slave antennas can work in mode of transmitter and receiver, exactly same as a pair of Dual (sweeping frequency) antennas, partners do not need to have stock of Dual antennas anymore. And the most important is that Mono (pulse) antennas have much better noise immunity than Dual (sweeping frequency) antennas due to different working principles.

MONO RF ANTENNAS

STANDARD SERIES

Acrylic Antenna Pedestal

MODEL : RFS4200X-M



ULTRA LONG

Detection Range

STANDARD FEATURES (Mono)

- Ultra-long detection range
- Ultra-strong noise immunity
- Air synchronization
- Built-in electronics
- 1 mainboard for max. 3 antennas (1 TX + 2 RX)
- Software configuration
- Manual configuration
- Virtual oscilloscope
- Background light
- Background signal cancellation
- Silent configuration & test of antennas
- External device control (CCTV, access control, etc.)
- Plug-n-play for most of installations
- Comprehensive parameters for installation in harsh environment
- High standard components and materials

OPTIONAL FEATURES

- Wireless managing local antennas
- Remote monitor & configuration
- Data management
- Data analytics

Technical specifications


Central frequency	8.2MHz
Power consumption	15W
Working voltage	19VDC
Input current	0.1A@230VAC, 0.2A@120VAC
Voltage	110V ~ 220VAC
Alarm audio level	100dB
Alarm light color	6 colors optional

Environmental requirements

Temperature	0-50 C
Relative humidity	0-90%RH, non-condensing

DETECTION RANGES

MONO MASTER ANTENNA

Tag	Label (40*40mm)	Hard Tag (Round) 50 mm
		
Ranges (both sides)	cm	cm
RFS4010X-MM	75	90
RFS4200X-MM	75	90

Note: The data are for reference only. Detection range varies depending on quality of tags and labels, quality of power source, level of environmental noise and expertise in tuning.

PRODUCT CODES

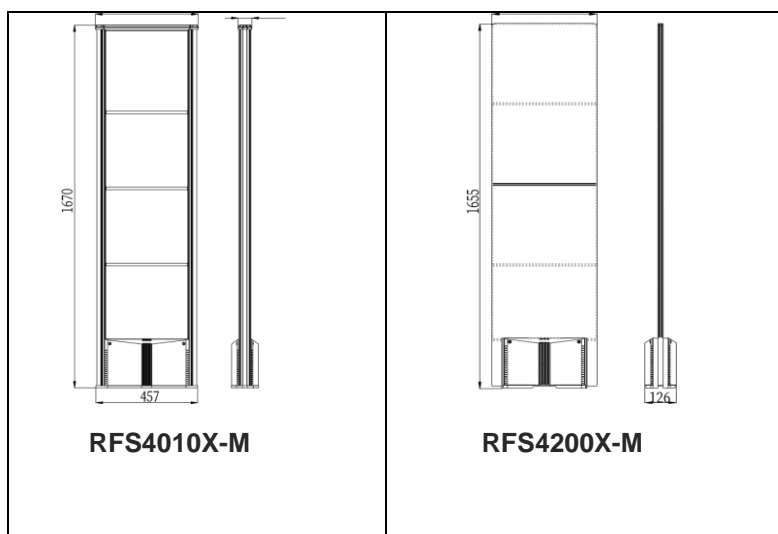
Frame Antenna (Mono)

Description	Antenna Model	Frame Model	System Model	Master Antenna Model	Slave Antenna Model
Frame Antenna Wide w/o Acrylic Panel	RFS4010X	RFS4010XN	RFS4010XN-M	RFS4010XN-MM	RFS4010XN-MS
Frame Antenna Wide with Acrylic Panel		RFS4010XP	RFS4010XP-M	RFS4010XP-MM	RFS4010XP-MS

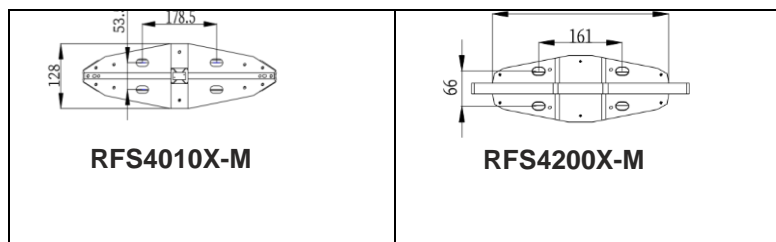
Acrylic Antenna (Mono)

Description	Antenna Model	Frame Model	System Model	Master Antenna Model	Slave Antenna Model
Acrylic Antenna Wide	RFS4200X	RFS4200XN	RFS4200XN-M	RFS4200XN-MM	RFS4200XN-MS

ANTENNAS' DIMENSIONS



INSTALLATION DIMENSIONS



MONO RF ANTENNAS

ESSENTIAL SERIES



RFE3000L-M



RFE3200S-M

STANDARD FEATURES (Mono)

- Long detection range
- Ultra-strong noise immunity
- Air synchronization
- Built-in electronics
- 1 mainboard for max. 3 antennas (1 TX + 2 RX)
- Software configuration
- Manual configuration
- Virtual oscilloscope
- Tag-Too-Close alert
- Background signal cancellation
- Silent configuration & test of antennas
- External device control (CCTV, access control, etc.)
- Plug-n-play for most of installations
- Comprehensive parameters for installation in harsh environment
- High standard electronic components

OPTIONAL FEATURES

- Wireless managing local antennas
- Remote monitor & configuration
- Data management
- Data analytics

Technical specifications	
Central frequency	8.2MHz
Power consumption	15W
Working voltage	19VDC
Input current	0.1A@230VAC, 0.2A@120VAC
Voltage	110V~220VAC
Alarm audio level	100dB
Alarm light color	Red (Normal) / Other color (Customized)
Environmental requirements	
Temperature	0-50°C
Relative humidity	0-90%RH, non-condensing

MONO RF ANTENNAS

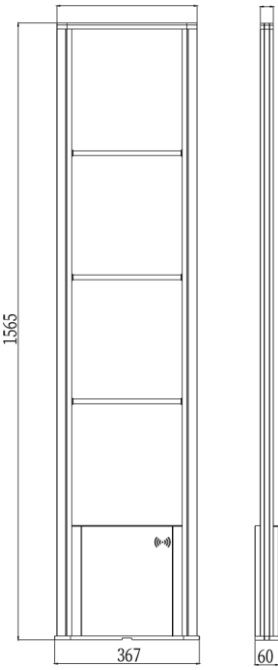


DETECTION RANGES

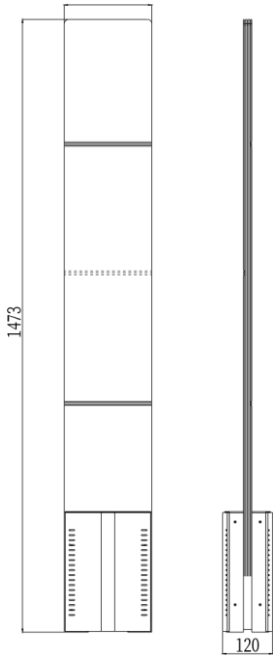
Tag	Label (40*40mm) 	 Hard Tag (Round) 50 mm
Ranges (both sides)	cm	cm
RFE3000L-M	65	75
RFE3200S-M	65	75

Note: The data are for reference only. Detection range varies depending on quality of tags and labels, quality of power source, level of environmental noise and expertise in tuning.

ANTENNAS' DIMENSIONS

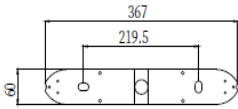


RFE3000L-M

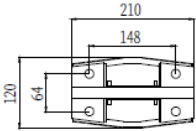


RFE3200S-M

INSTALLATION DIMENSIONS



RFE3000L-M



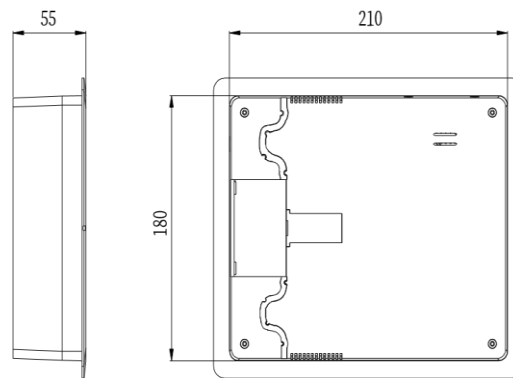
RFE3200S-M

RF LABEL DEACTIVATOR / DOUBLE CHECKER

ALL-IN-ONE UNIT



MODEL: RFD361



PRODUCTS' DIMENSIONS

STANDARD FEATURES

- High speed deactivation for high throughput checkout
- Adjustable buzzer volume
- Communication port for add-on features
- Audible and visual indication of deactivation

OPTIONAL FEATURES

- Remote monitor & configuration
- Deactivation data management
- External mode control – ON/OFF, detection/deactivation, detection only

Technical specifications

Transmitting frequency	8.2MHz
Receiving frequency	7.6 – 8.6MHz
Pulse time	5 μ S
Power consumption	2W
Input voltage	100V~240VAC
Output voltage	19VDC/500mA
Buzzer sound level	\approx 100dB
Environmental requirements	
Temperature	0-50°C
Relative humidity	0-90%RH, non-condensing
Deactivation performance	
Deactivation range	\leq 26cm

Note: Deactivation range varies depending on quality and size of labels, quality of power source, level of environmental noise , etc.