PROMATIC TECHNOLOGY

8% Vendor Fraud
9% Other
50% Employee Theft
33% Shoplifting

Profit

For retailing enterprise that implement open-shelf sale, shoplifting is the main reason of decreasing profit. According to American Retailing Loss Investigation report in 2004, Loss rate has up to 1.7% of the whole sales revenue. 83% Losses stem from Shoplifting.

How to decrease commodity loss effectively, and increase retailing profit? Electronic Article Surveillance System (EAS) is the most effective loss prevention technical equipment for all kinds of stores.

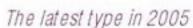## Promatic EAS's USP (Unique Selling Point) and Technical Character

- Since Promatic researched EAS product with DSP technology in China in 2001, it has upgraded the technology and system in great way once a more time
- Digital concoct technology, preventing noise from same frequency • AGC Automatic Gain Control technology • DSP software integrated with hardware technology
- Synchronization filter, anti noise circuit technology • Anti noise technology from metal handcraft and handhold • High sensitivity, less blind field, low false alarm rate
- Detection range is from 0.7 meter to 2 meter (related with security label/tag) • Compatible with International Electromagnetic compatibility (EMC) Standard

The advanced second-generation DSP technology have speed data processing effectively, and achieved control of detection and alarm synchronously, and Promatic has special patented arithmetic of identifying security label, it can choose different way to identify the weakness security label signal in the very noisy background according to the change of environment.

Adopting the advanced SMT technic, strict quality control standard, and it can satisfy the International Electromagnetic compatibility (EMC) Standard. Thus the main products have passed the test of authority organization of China Public Security Department, and got the CE certificate, have been exported to more than 20 countries all over the world.

Have own-patented intellectual technology and whole series products Individual design can satisfy customers' requirements well.

Digital Intelligent Radio Frequency Sensor

The latest type in 2005

TIANXIANG TYPE PDS 8810
Technical Parameter

- Scan center frequency: 8.2±0.05MHz
- Sweeping bandwidth: 7.7~8.7MHz
- Detection range: 140-180cm
  (Note: be related with the size of tags or labels)
- Alarm Volume: High, Medium, low
  (three kinds of optional volume)
- Dimensions: 1630×370×90 (mm)
- Optional color: ivory
- Suitable for being installed in the exit of top grand garment stores, shopping plazas and so on.
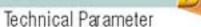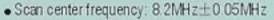
Tian An
Technical Parameter

- Scan center frequency: 8.2MHz±0.05MHz
- Sweeping bandwidth: 7.7~8.7MHz
- Detection range: 120~200cm
  (Note: be related with the size of tag or label)
- Alarm volume: High, Medium, Low
  (three kinds of optional volume)
- Dimensions: 1610 x 480 x 92 (mm)
- Optional colors: Ivory
- Suitable for being installed in the exit of supermarket, shopping square and garment store.

Digital Intelligent Radio Frequency Sensor

Good quality and Competitive price

PDS 3210B
Technical parameter

- Scan center frequency: 8.2MHz±0.05MHz
- Sweeping bandwidth: 7.7~8.7MHz
- Detection range: 110~200cm
  (Note: be related with the size of tag or label)
- Alarm volume: High, Medium, Low (three kinds of optional volume)
- Dimensions: 1650 x 340 x 85 (mm)
- Optional colors: black, grey and white
- Suitable for being installed in the exit of those medium and large type supermarket and shopping square.

Good quality, competitive price, have got the CE certificate
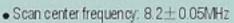
PDS 3210C
Technical parameter

- Scan Center frequency: 8.2MHz±0.05MHz
- Sweeping bandwidth: 7.7~8.7 Mhz
- Detection range: 70~110cm
  (Note: be related with the size of tag or label)
- Alarm volume: High, Medium, Low (three kinds of optional volume)
- Dimensions: 1650x 340 x 85 (mm)
- Optional colors: black, grey and white
- Suitable for being installed in supermarket and stores in POS counter access way.

Good quality and Competitive price

PDS 3108
Technical parameter

- Scan center frequency: 8.2±0.05MHz
- Sweeping bandwidth: 7.7~8.7MHz
- Detection range: 70-120cm(Note: be related with the size of tags or labels)
- Alarm Volume: High, Medium, low (three kinds of optional volume)
- Dimensions: CI type: 1660×340×85 (mm)
  CII type: 1550×340×85 (mm)
- Optional colors: black, gray and white
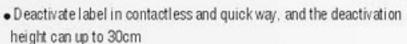- Suitable for being installed in the exit of small supermarkets, stores and convenience stores

Digital Deactivator

PD 950

- Deactivate label in contactless and quick way, and the deactivation height can up to 30cm
- Deactivation Speed is up to 120pcs per minute, it achieved the quick deactivation in contactless way.
- It can work with the laser scanner that has inner lock, the deactivator can finish deactivating and payment at the same time, so it can improve cashier's work efficiency and reduce the waiting time of the customer.
- Advanced SMT technology, this kind of Deactivator has high deactivating efficiency and reliable.

PD 960

- Alarm indicative function: When the hard tags passing the pad, or when some soft labels did not be deactivated, the deactivator will alarm to remind the store staff to release the hard tags or deactivator the soft label once a more time. So it can avoid alarming when the hard tags did not be released.
- Other function is the same with PD950.

Technical Parameter

- Sweeping bandwidth: 7.4 MHz ~ 9.0MHz
- Deactivation Speed: 120 pcs/min
- Deactivation Height: Up to 30cm
- Power Supply: 18V/30 mA
- Consumption: ≤5W

Digital Pad

PD9004B
- Dimension: 235 x235x 12 mm
- Installation hole size: 225x225 mm

Handhold Detector

PT1000
- It conform to the active design of human body construction
- SMT technology, detection range is up to 10cm
- Esteem customers and avoid frisking.