

# SENSOR WELL

**EAS** Technology



# EAS Detection System

## Highlights:

- Based on the industry standard 58kHz AM technology, can be used with all AM technology labels and tags
- Improved DSP to provide better noise immunity
- Provide variety of systems to cover from 1.3m to 2.5m
- Made from high transparent Acrylic materials and robust ABS



## SW1600 Detection System



- Coverage
  - Label – 1.2M
  - Amorphous – 1.6M
  - Ferrite – 2.0M
- Materials: High Transparent Acrylic

## SW2000 Detection System



- Type: Transceiver
- Coverage
  - Label – 1.6M
  - Amorphous – 1.8M
  - Ferrite – 2.2M
- Materials: High Transparent Acrylic

## EAS: Detection

### SW2500 Detection System



- Coverage
  - Label – 1.8M
  - Amorphous – 2.2M
  - Ferrite – 2.5M
- Materials: High Transparent Acrylic

### Concealed Detection System



- Coverage
  - Label – 0.9M
  - Amorphous – 1.2M
  - Ferrite – 1.5M
- Materials: High impact ABS

# EAS: Tags and Labels

## SWDL AM Labels



- SWDL501: White
- SWDL502: Barcode
- SWDL503: Black

## Hard Tag



- Lighter weight
- Ferrite or Amorphous options

### Updates on AM Labels

- Acquired Certificate of Non Toxic for products export (REACH compliant)
- Patent of Innovation for the materials used to forming the label (*Pending Patent No.CN102592XXXX*)
- Patent for Utility Models for the products to be used as Anti-shoplifting part (*Pending Patent*)

## **EAS: Deactivator & Detacher**

### **AMD3011 Deactivator**



- Deactivation range: 10-15cm
- Mount: Table-top and Flush
- Materials: High impact ABS

### **SWMPD Auto Releaser**



- Type: Hyper Tag compatible
- Mount: Table-top and Flush
- Materials: High impact ABS

### **Hand Releaser**



Clutch Tag



Hyper Tag

## Clutch and Hyper Tag releaser



# EAS: Tags and Labels

## Special Tags

**Ink Tag**



**Jewelry Tag**



**Bottle Tag**



**Lock Tag**



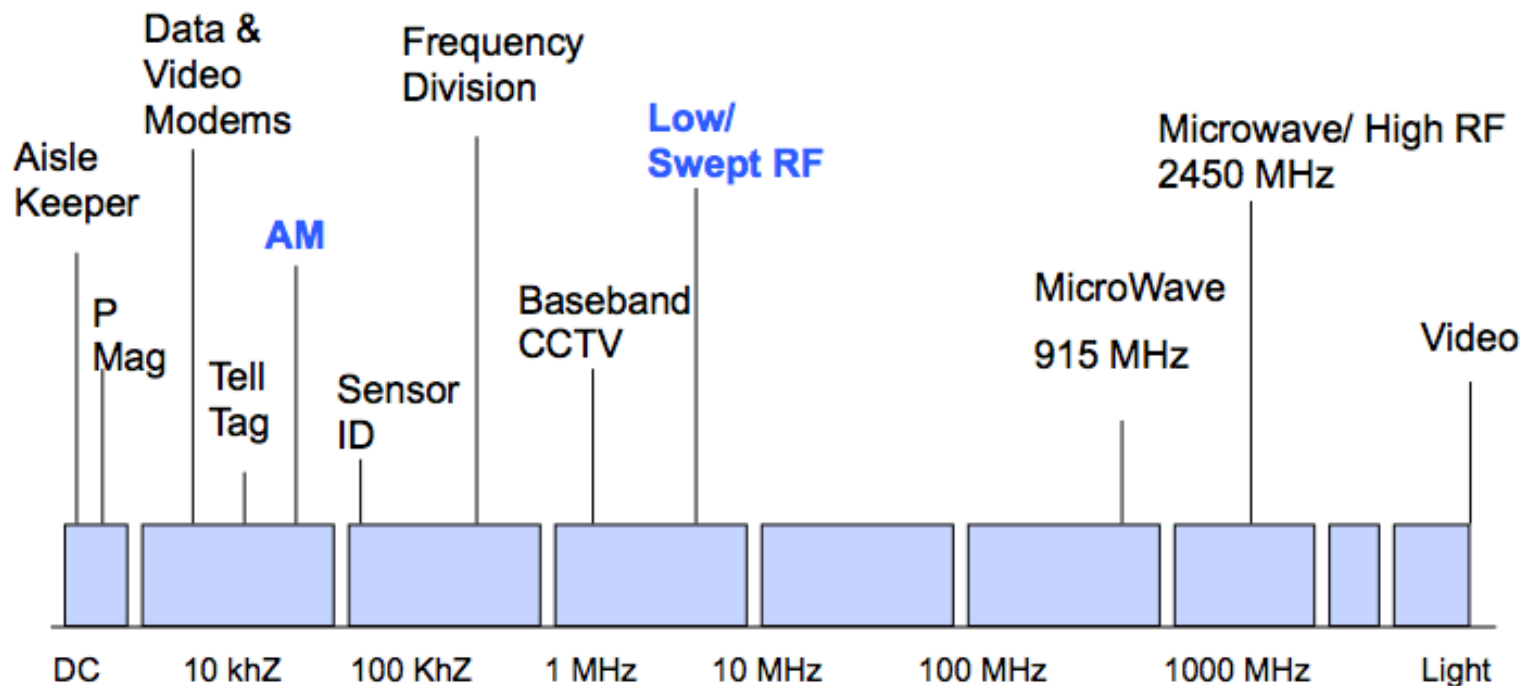
**Glasses Tag**



**Paper Tag (Customized Logo)**

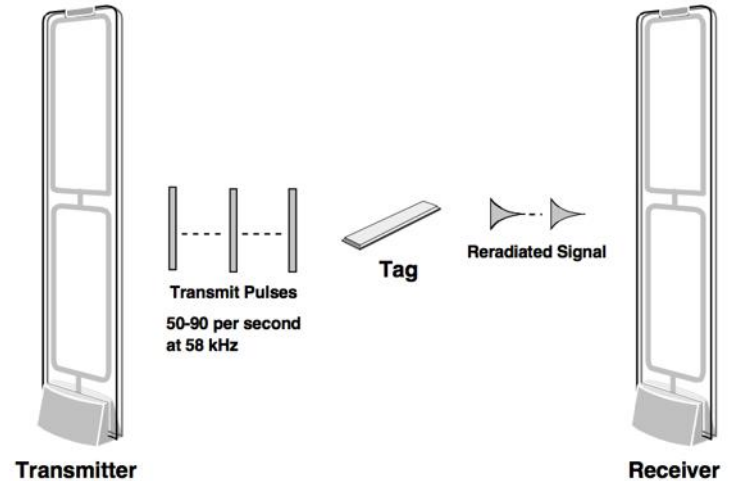


# Products Covering the Frequency Spectrum



# AM EAS Technology

- Acousto-Magnetic systems use a transmitter to create a surveillance area where tags and labels are detected
- The transmitter sends a radio frequency signal at 58Hz but the frequency is sent in pulses
- The transmit signal energizes a tag in the surveillance zone
- When the transmit signal pulse ends, the tag responds, emitting a single frequency signal like a tuning fork



# Product Range



Concise 1600



Elegant 2000



Elegant 2500



Digital Floor Mat

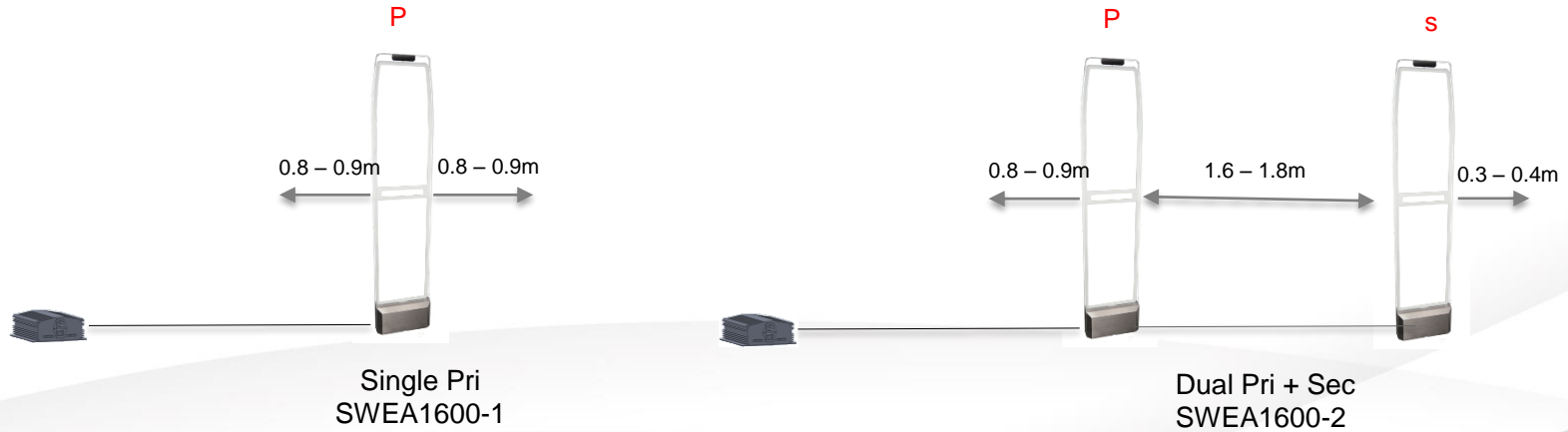
# SW1600 Acrylic Pedestal

- High grade clear acrylic pedestal provides immunity against warping
- Dual coil system provides at least 95% high pick rate performance and superior noise immunity
- 1.6m full height pedestal with stainless steel base designed for multi segment retail verticals
- No external controller required
- DSP technology helps ensure best detection performance in high noise environment
- Easy to install and maintain
- Intelligence software configuration for flexible system parameters adjustment
- Upgradeable system software platform ease maintenance and provides easy integration to alarm and video
- Maximum detection range: 1.8m

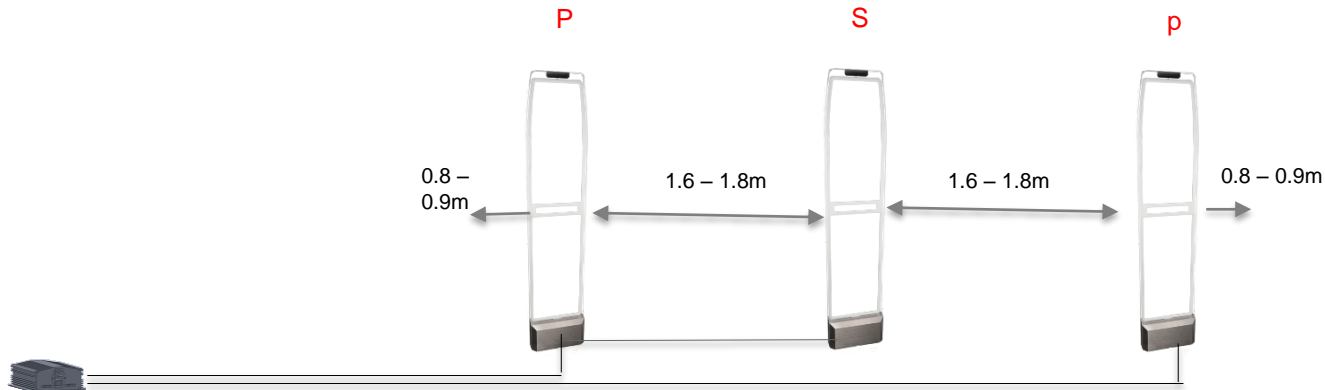


Type	Product Code	Dimension	Weight
SW1600 Digital Concise 1.6M Acrylic Single System	SWEA1600-1	1600 x 350 x 127 mm	17.5 kg
SW1600 Digital Concise 1.6M Acrylic Dual System	SWEA1600-2		

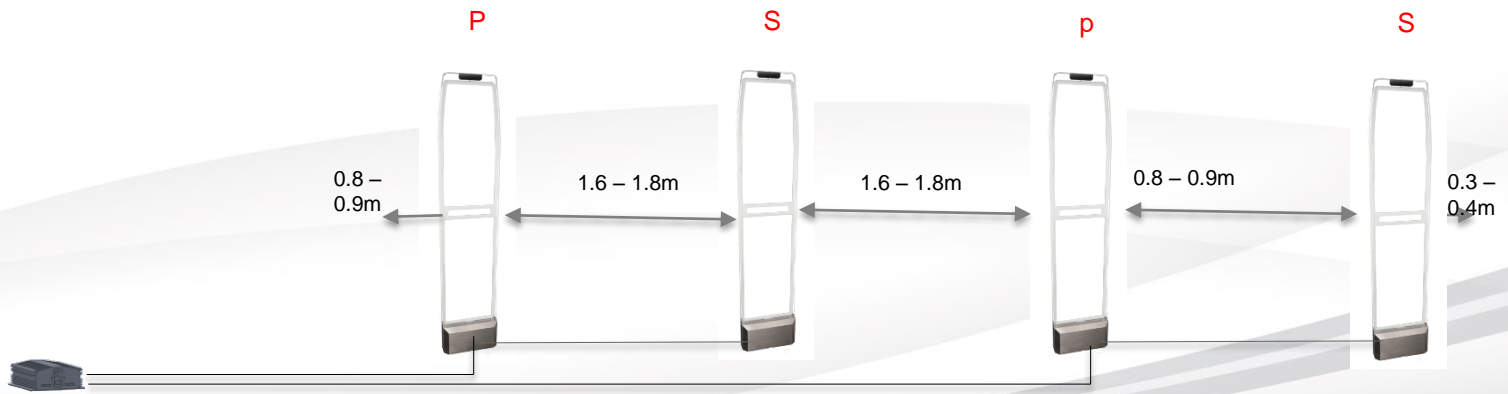
# System configuration



*\* Cable from Pedestal to power supply/controller about 12m*

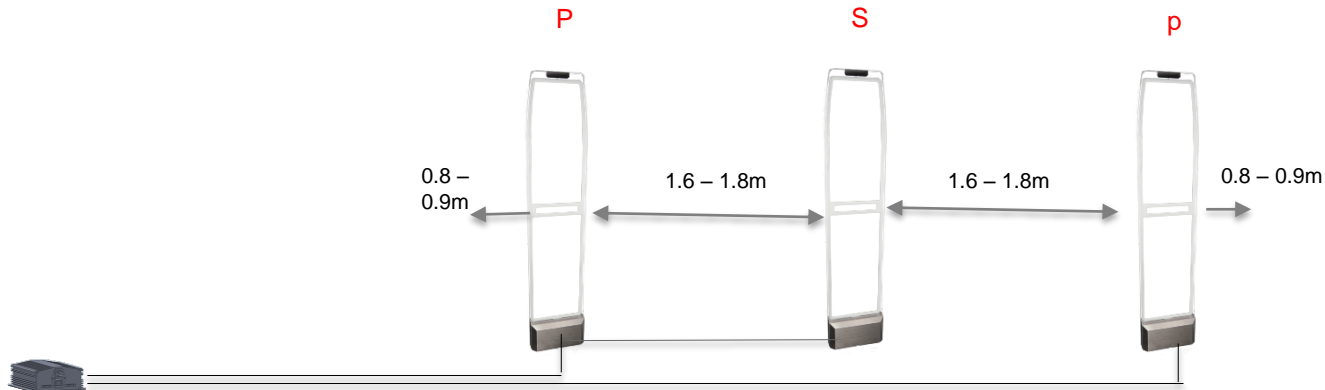


Single SWEA1600-1 +Dual SWEA1600-2

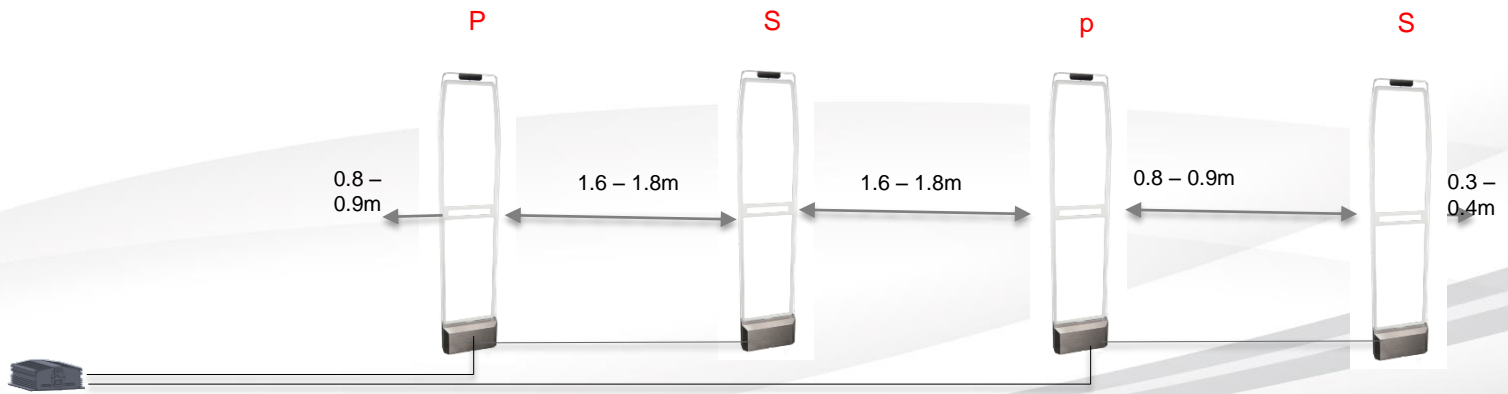


2 x Dual SWEA1600-2

**\* Cable from Pedestal to power supply/controller about 12m**



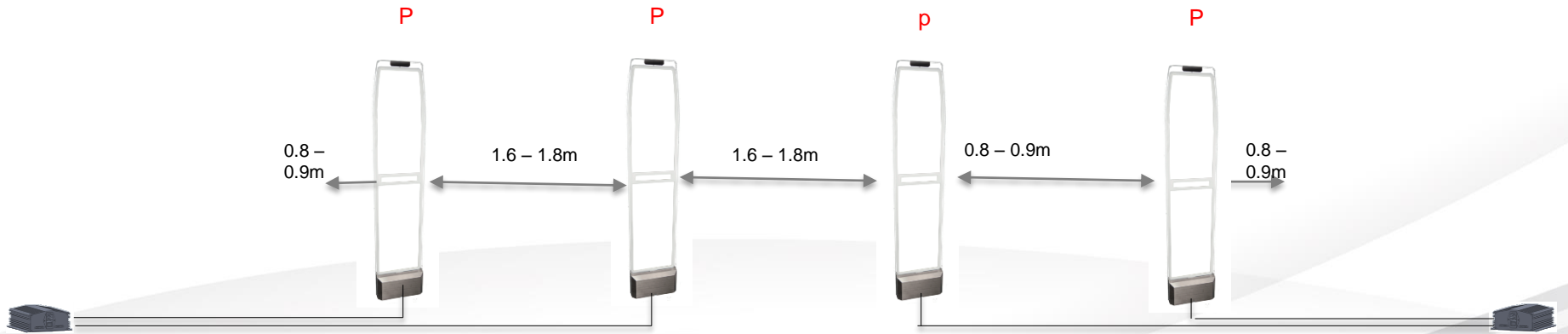
Single SWEA1600-1 +Dual SWEA1600-2



2 x Dual SWEA1600-2

**\* Cable from Pedestal to power supply/controller about 12m**

# All Single configuration 4 x SWEA1600-1



*\* Cable from Pedestal to power supply/controller about 12m*



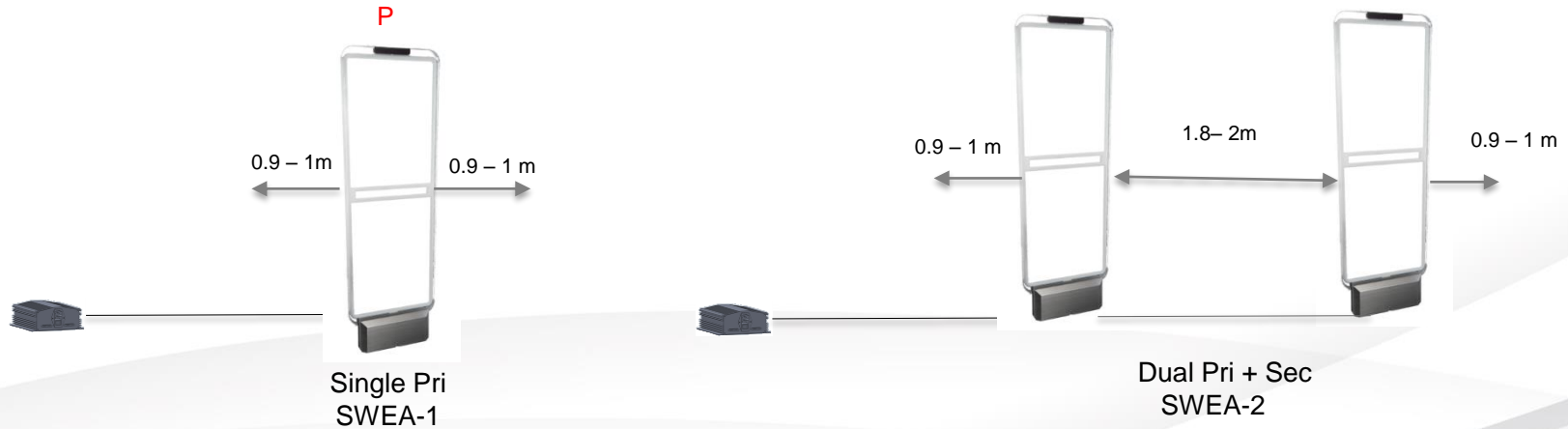
# SW 2000 Acrylic Pedestal

- High grade clear acrylic pedestal provides immunity against warping
- Dual coil system provides at least 95% high pick rate performance and superior noise immunity
- Built-in electronics; external controller not required
- DSP technology helps ensure performance in high noise environment
- Easy to install and maintain
- Intelligence software configuration for flexible system parameters adjustment
- Upgradeable system software platform ease maintenance and provides easy integration to alarm and video
- Maximum detection range: 2.0 m

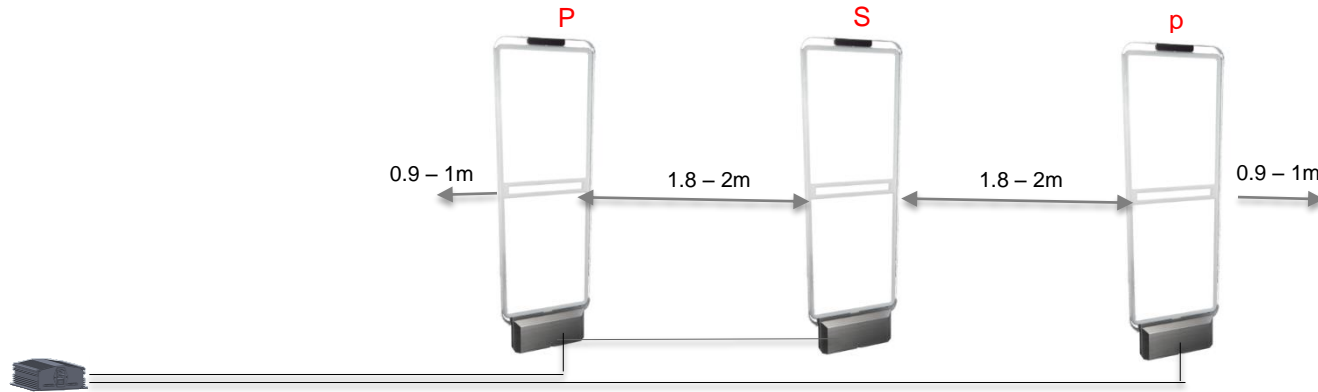


Type	Product Code	Dimension	Weight
SW2000 Digital Elegant 2.0M Acrylic Single System	SWEA-1	1535 x 492 x 131 mm	26.15 kg
SW2000 Digital Elegant 2.0M Acrylic Dual System	SWEA-2		

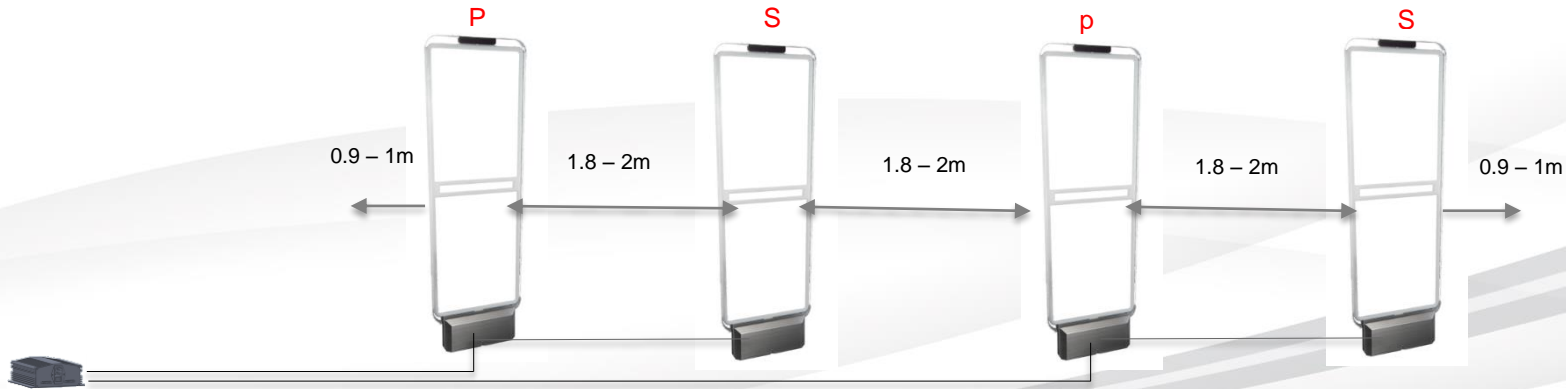
# System configuration



*\* Cable from Pedestal to power supply/controller about 12m*



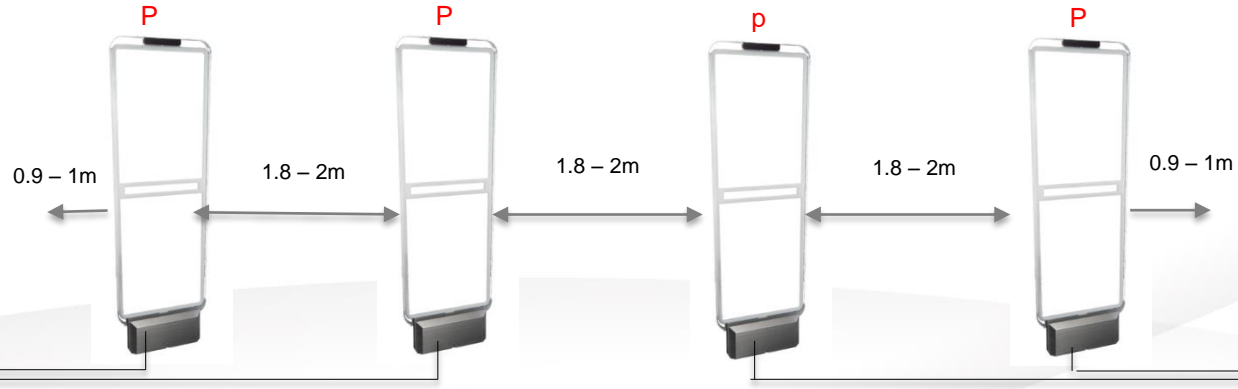
Single SWEA-1 +Dual SWEA-2



2 x Dual SWEA-2

**\* Cable from Pedestal to power supply/controller about 12m**

# All Single configuration 4 x SWEA-1



*\* Cable from Pedestal to power supply/controller about 12m*

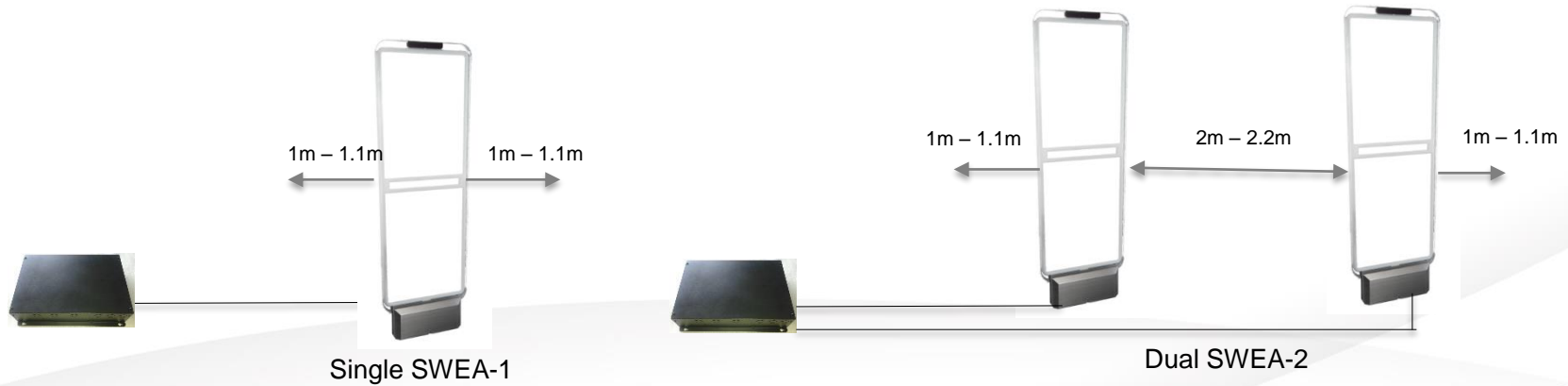
# SW2500 Acrylic Pedestal

- High grade clear acrylic pedestal provides immunity against warping
- Dual coil system provides at least 95% high pick rate performance and superior noise immunity
- DSP technology helps ensure performance in high noise environment
- Easy to install and maintain
- 4 antennas controlled by one controller
- Upgradeable system software platform ease maintenance and provides easy integration to alarm and video
- Maximum detection range: 2.5 m

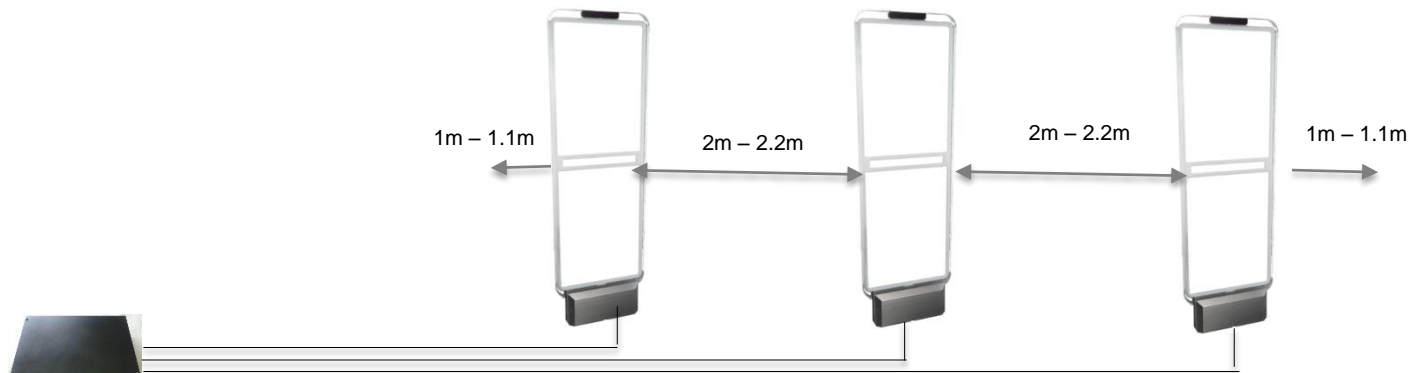
Type	Product Code	Dimension	Weight
SW2500 Digital Elegant 2.0M Acrylic Single System	SWEAW-1	1535 x 492 x 131 mm	26.15 kg
SW2500 Digital Elegant 2.0M Acrylic Dual System	SWEAW-2		
SW2500 Digital Elegant 2.5M Acrylic Split System	SWEAW-3		
SW2500 Digital Elegant 2.5M Acrylic Quad System	SWEAW-4		



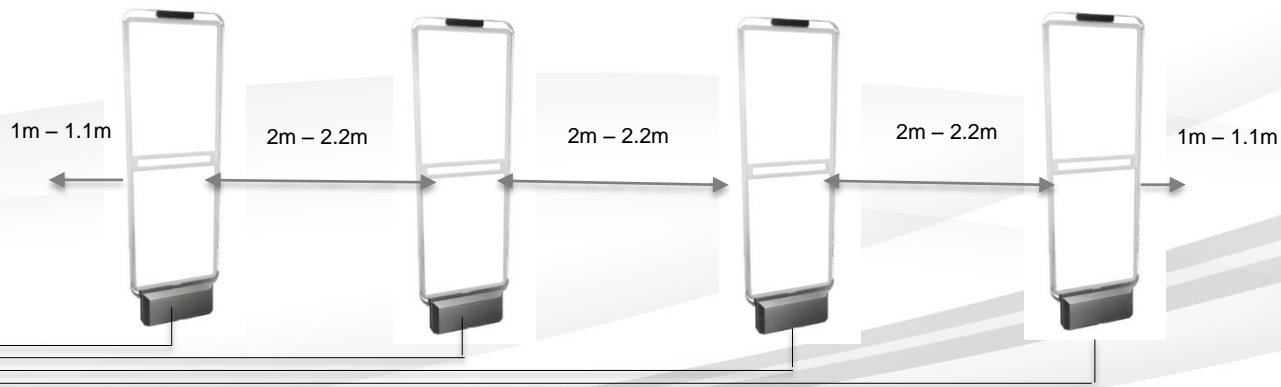
# System configuration



*\* Cable from Pedestal to power supply/controller about 12m*



Split SWEA-3

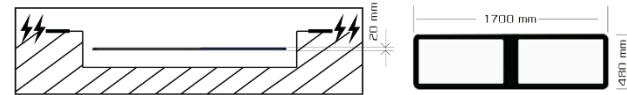


Quad SWEA-4

*\* Cable from Pedestal to power supply/controller about 12m*

# Digital Floor Mat

- Single detector antenna provide coverage up to 2.5m
- Completely concealed system with no obstructions to customer flow, preserving the store aesthetics
- System is suitable for both ground level and elevated installations
- Virtually no false alarm
- Superior detection
- Intelligence software configuration for flexible system parameters adjustment
- Upgradeable system software platform ease maintenance and provides easy integration to alarm and video
- Detection range: 2.0 to 2.5 m

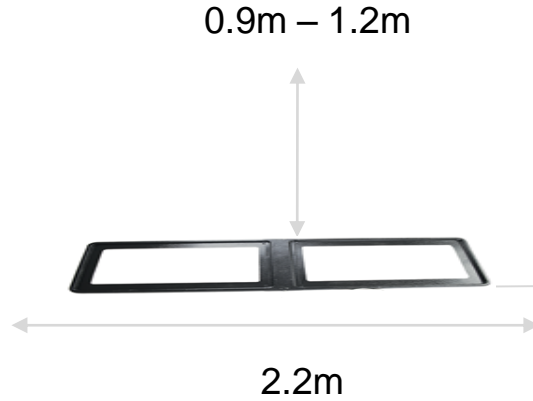


Type	Product Code	Dimension	Weight
Digital Floor Mat V Single System (wide 200 cm)	SWDFMV-1	1700 x 480 x 20 mm	4.9 kg
Digital Floor Mat V Dual System (wide 400 cm)	SWDFMV-2		
Digital Floor Mat V Antenna	SWS2201		
PC9002 Digital Power Pack & Controller	SWPC9002		



# System Configuration

SWDFMV-1



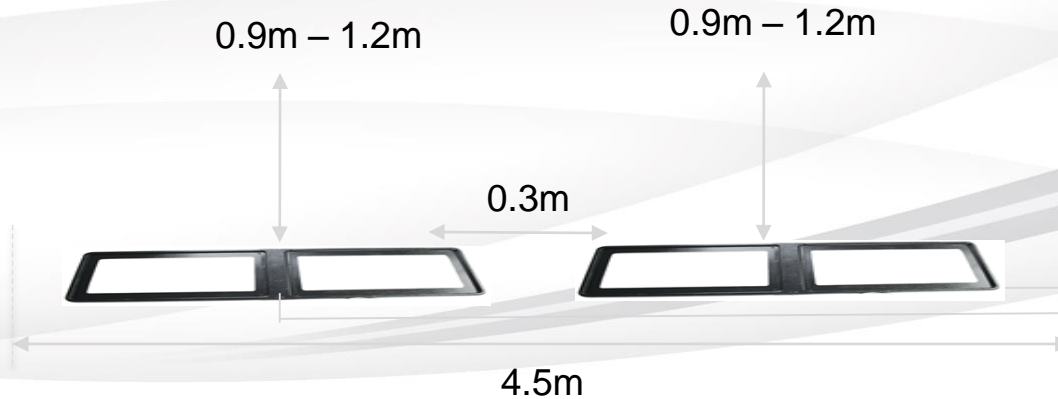
Ext Alarm



EAS controller

*\* Cable from Pedestal to power supply/controller about 12m*

SWDFMV-2



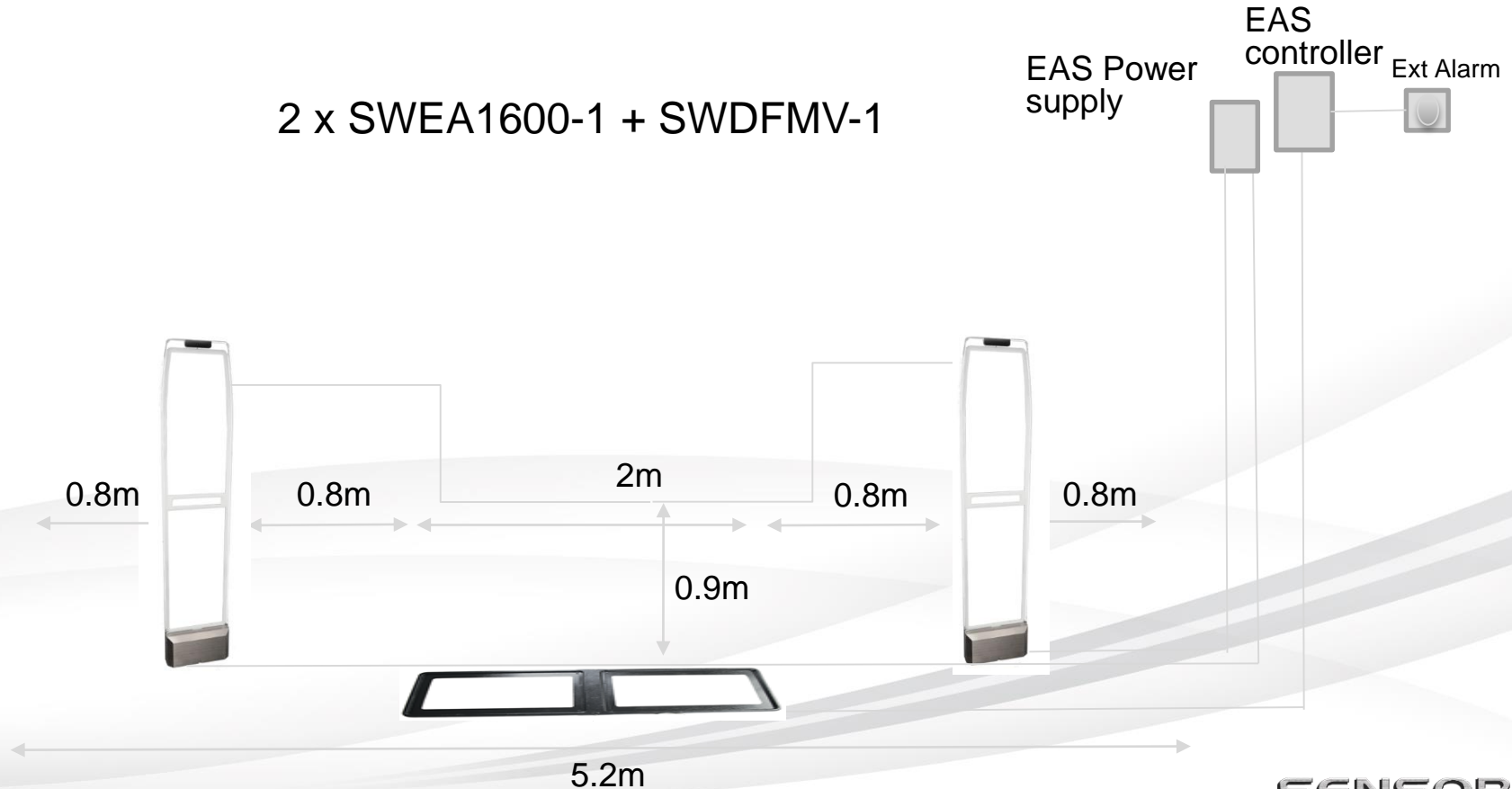
Ext Alarm



EAS controller

# Concise 1600 Pedestal & Floor Combo

2 x SWEA1600-1 + SWDFMV-1



*\* Cable from Pedestal to power supply/controller about 12m*