

**SURECHECK<sup>®</sup>**  
electronic retail anti-theft system

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Powered by **Callidus**

# Advanced Electronic Anti-Theft System

**RF Series**



Powered by

**Callidus**  
trading, spol. s r.o.



# Dual HF High Performance Line

## CT500H Dual Antenna D1K 8.2 Mhz System

Radio Frequency Technology



### PRODUCT FEATURES

- Taller and wider Profile RF Pedestal System
- High Detection rate on Hard Tags and Labels
- State-of-the-art Scanning Dual RF System
- Quick and simple install and synchronization
- Remote maintenance and adjustment over IP
- RF Transmitter-Receiver with low backfield operation
- Oscilloscope function to view ambient noise environment
- Synchro-blanking and trolley rejection
- Static Resonance Indicator
- Cable Synchronization
- Static and Dynamic RGB lighting on acrylic versions
- Available in triple crossbar options
- Available in Acrylic and Aluminum version
- UV Stabilized Acrylic
- Energy efficient

### Optional Accessories

- 11-341.S-D1K Pedestal CT500H Callidus RF Dual D1K RX 1700/500 - Silver
- 11-342.S-D1K Pedestal CT500H Callidus RF Dual D1K TX 1700/500 - Silver
- 15-000-519 Interconnection cable for DUAL NG Pedestal TX 2.7m 0076 power supply 24v/2, 1A

### Mechanical

Dimension (in mm) :  
1712 (W) x 500 (H) x 64(bottom) 48(top)

Pedestal Weight :  
18 Kg

Composition :  
Plastic , Acrylic

### Electrical

Power requirement  
Primary Input:  
100-120VAC@60 Hz  
220-240VAC@50 Hz

Power Supply  
24 V DC, 1200mA

Alarm Mode :  
Buzzer/RGB Alarm Indicator

### Detection Response

Hard tag :  
1.9 m maximum between the pedestal

### Environmental

Operating Temperature :  
32° F - 120° F

Relative Humidity :  
0-90%, Non-condensing

## MPP 250 Dual System

8,2 MHZ Radio-Frequency Technology

3-4 ft Line System



### PRODUCT FEATURES

- Red alarm LED light
- The system consists of two kinds of pedestals: transmitters (TXs) and receivers(RXs)
- Very powerful buzzer (maximum 100,5 dB at 100 cm) with adjustable sound level
- Most advanced 3 crossbars 8,2 MHZ DUAL antenna technology
- Scans operational frequency range 328 times per second
- More than 30.000 systems working worldwide for many years without any
- issues under the heaviest conditions
- Technology complies with current CE standards
- Made in EU technology
- Extra wide steel floor base plate



### Mechanical

Dimension (in mm) :  
250 (W) x 1521 (H) x 50 (D)

Pedestal Weight :  
4.8 Kg

Composition :  
Plastic , Aluminum

### Electrical

Power requirement :  
100-120VAC@60 Hz  
220-240VAC@50 Hz

Power Consumption  
600nA/20W per system in basic configuration

Operating Frequency:  
8.2 MHz

Alarm Mode :  
Buzzer/Red Alarm Indicator (receiver only)

### Environmental

Operating Temperature :  
0° - 50° C

Relative Humidity :  
0-90%,

### Product Order Code

MPP 250 RF Dual 3 Rs 1.08-573  
MPP250 RF Dual 3TX 1.08-574

# MPP400 RF Dual Technology



## Description

MPP400 RF DUAL is an aluminum profile antenna applied with RF DUAL technology. 8,2MHz frequency enables detection of both hard and paper labels. Antennas is made from aluminum profiles and it is provided with PLEXI panel or without it that is possible to see through because of the use of air design. PLEXI panel is made from quality acrylic material with UV stabilization, which keeps its clarity and durability with good optical properties. Bottom plastics cover and aluminum profiles can be provided in variations of black, white or silver color. Version DUAL allows integration of aluminum bag detectors including wireless transmission set and will secure exit wide up to 160cm.

**Features :** RGB Alarm | Scan environment for easy synchronization  
 Various Color Option | Two antennae system

**Accessories :** Smart Pager System (only with ABD) | RF paper label deactivator  
 Extended metal detection with ABD technology

### Mechanical

Dimension (in mm) :  
 1510 (W) x 400 (H) x 110 (D)

Pedestal Weight :  
 12.2 Kg

Used Material :  
 Plexi 20mm  
 Silver plastic covers

### Electrical

Power requirement :  
 100-120VAC@60 Hz  
 220-240VAC@50 Hz

Consumption: Max. 8W

EAS Technology :  
 AM 58 kHz

### Detection Response

40x40 paper label up to 1,6m  
 Hard Label - small up to 1,8m  
 Hard Label - Gold up to 2m

### Variations

Color - SILVER

## MPP 300 Dual Pedestal System including RX Electronic



**Technology**  
 Radiofrequency

**Weight:** 6.35 kg

**Material:**  
 Plastic cover and Aluminium profile

**Warranty:**  
 1 year

## PP-300 Dual Pedestal System including TX Electronic



**Technology**  
 Radiofrequency

**Weight:** 6.35 kg

**Material:**  
 Plastic cover and Aluminium profile

**Warranty:**  
 1 year

**Note:**

The product consists of system pedestal, el. board and power supply

## Power Supply DC24V/2, 1A without power cord



**Input:**

100-200V / 1,6A ;  
 50-60Hz; 100-200VA

**Output:**

24 DC / 2.1A ; max. 50W

**Product Purpose:**

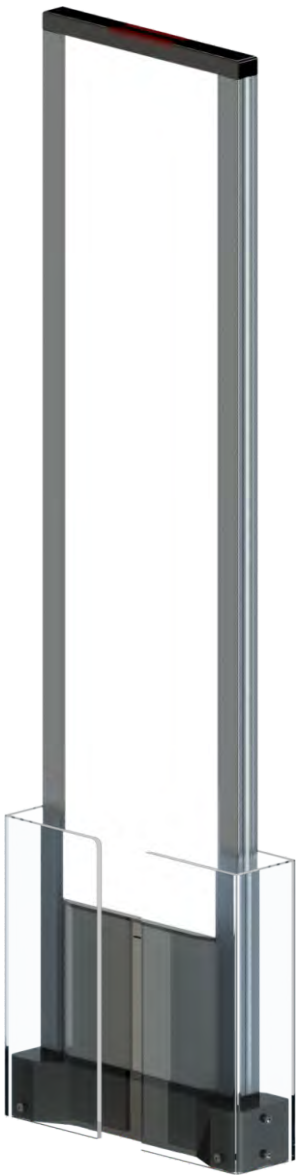
Power supply to powering dual pedestal system

**Material:**

Steel plate with comaxite surface

# PA-450RF Digital Security System

8.2 MHZ Radio Frequency Technology



## PRODUCT FEATURES

- Integrated Riser and Bumpers for advertisement pedestal
- Taller and wider Profile RF Pedestal system
- 8.2 MHZ Radio Frequency Technology
- Quick and simple synchronization
- Multiple pedestal capable Control Box.
- Mono Transceiver or Dual configurations
- High Detection rate on Hard Tags and Labels
- Remote maintenance and adjustment over IP
- IP Managed Internal People Counter
- Oscilloscope function to view ambient noise environment
- Multimode Transmitter synchronization with Sync-on-command
- Interference and Jammer detection with distinct Alarm
- Multifunctional Alarm Mapping
- Dual relay alarm outputs for external triggering
- Dynamic red alarm lighting
- Multi-mode transmitter with temperature control
- Programmable "Green" mode operation at 15 Watts
- Aluminum profile with UV Stabilized Acrylic
- Energy efficient



## Mechanical

Dimension (in mm) :  
1694 (W) x 445 (H) x 64(bottom) 48 (top)

Poster Dimensions (H x W x T) :  
373 x 1445 x 0.2

Pedestal Weight : 18 Kg

Auxiliary Base Weight: 11 Kg

Riser Height : 100 mm

Bumper (H x W x D) :  
100 x 534 x 140

Composition :  
Plastic, Acrylic, Aluminum

## Electrical

Power requirement :  
100-120VAC@60 Hz  
220-240VAC@50 Hz

Operating Frequency:  
8.2 MHz

Alarm Mode :  
Buzzer/Red Alarm Indicator

## Detection Response

Hard tag :  
7 Ft between the pedestal

## Environmental

Operating Temperature :  
32° F - 120° F

Relative Humidity :  
0-90%, Non-condensing



## Technology Partners

Anti-theft



Audio-visual



Audio-visual



People counting



**SureSolutions**<sup>TM</sup>  
Efficiency...only better

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