



## (RF) Radio-Frequency

## DUAL SYSTEMS

**AMERSEC® RF DUAL** systems are an ideal solution for any boutique. These environment-friendly systems have a strong detection field between a minimum of two pedestals and feature all of the latest developments. Our RF DUAL range consists of 3 advanced systems.

**RF NG DUAL** is our latest two-pedestal swept system and is part of our Next Generation (NG) product range. Advantages of the NG range include PC tuning and remote maintenance options, as well as Store-Monitor compatibility for online system data management.

**RF SUPERDET DUAL** is a two-pedestal swept system with automatic sensitivity adjustment features and a multi-loop antenna design for uniform detection of all RF tags and labels.

**RF EASYDET DUAL** is a standard two-pedestal swept system with a high resistance to interference and simple tuning, which makes it a very reliable choice for any store. Our multi-loop antenna design results in uniform detection while maintaining a low signal emission.

All AMERSEC® digital DUAL systems can be installed in an unlimited amount in one location. Simple synchronization settings enable all of them to work together simultaneously.

### PERFORMANCE:

TAG/LABEL SIZE	EASYDET <sup>1</sup>	SUPERDET <sup>1</sup>	NG DUAL <sup>1</sup>
Soft Label 4 x 4 cm	up to 155 cm	up to 160 cm	up to 180 cm
Soft Label 5 x 5 cm	up to 175 cm	up to 180 cm	up to 200 cm
AMERSEC® Picco 50 Tag	up to 200 cm	up to 210 cm	up to 230 cm

<sup>1</sup>Tested with AMERSEC® tags in all orientations, depending on environment.

### SYSTEM COMPARISON:

	EASYDET	SUPERDET	NG DUAL
Remote maintenance	×	×	✓
StoreMonitor data management	×	×	✓
Swept technology	✓	✓	✓
Automatic mode	×	✓	✓
Air synchronization	✓	✓	✓
Cable synchronization	✓	✓	✓
Low frequency version	✓	×	×
Additional alarm output	×	✓	✓
Advanced DSP	×	✓	✓
Basic DSP	✓	×	×
Installation	*	**	**

\* Easy \*\* Intermediate \*\*\* Advanced

### COMPLIANCE:

- ETSI EN 300 330-2 V1.1.1:2001
- ETSI EN 300 330-1 V1.3.1:2001
- ETSI EN 301 489-3 V1.3.1:2001
- ETSI EN 301 489-1 V1.3.1:2001 clause 7 - Emission

### FEATURES:

- StoreMonitor data management
- Remote tuning/maintenance
- Event management
- Compatible with MetalSpy/NG MetalMagnetSpy
- Additional relay inputs/outputs
- Digital oscilloscope functions
- Air or cable synchronization
- Environment scanning for automatic sensitivity adjustment
- Decoration light for all acrylic designs

### OPTIONS:

- Inbuilt Visitor Counter
- Inbuilt MetalSpy
- Inbuilt NG MetalMagnetSpy
- StoreMonitor data management
- Customized colors

### TECHNICAL SPECS:

- Input: 24 V DC
- Consumption: max 25 W
- Center Frequency: NG DUAL 8.2 MHz  
SUPERDET 8.2 MHz  
EASYDET 8.2 MHz / 3.25 MHz / 4.75 MHz / 4.83 MHz
- Sweep Range: +600 kHz
- Sweep Frequency: NG DUAL 700 Hz  
SUPERDET 500 Hz  
EASYDET 164 Hz

# Designs

## ALUCLASSIC 30

Available for EASYDET, SUPERDET



Height	1523 mm
Width	294 mm
Depth	52 mm
Weight	2x 4.5 kg
Base	294 x 52 mm
Advertising area (visible)	-

Features	Standard	Optional
RGB light	x	x
Decoration light	x	x
Directional Visitor Counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Color options	silver/black/white	x
Antenna stand	x	✓

## ALUCLASSIC BASIC 30

Available for EASYDET, SUPERDET



Height	1523 mm
Width	294 mm
Depth	52 mm
Weight	2x 5.4 kg
Base	294 x 52 mm
Advertising area (visible)	-

Features	Standard	Optional
RGB light	x	x
Decoration light	x	x
Directional Visitor Counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Color options	silver/black/white	x
Antenna stand	x	✓

## ALUCLASSIC PLEXI 30

Available for EASYDET, SUPERDET



Height	1523 mm
Width	294 mm
Depth	52 mm
Weight	2x 5.6 kg
Base	294 x 52 mm
Advertising area (visible)	-

Features	Standard	Optional
RGB light	x	x
Decoration light	x	x
Directional Visitor Counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Color options	silver/black/white	x
Antenna stand	x	✓

## ALUPROFI 40

Available for EASYDET, SUPERDET



Height	1525 mm
Width	387 mm
Depth	62 mm
Weight	2x 9.7 kg
Base	389 x 64 mm
Advertising area (visible)	1456 x 303 mm

Features	Standard	Optional
RGB light	✓	x
Decoration light	x	x
Directional Visitor Counter	x	✓
MetalSpy loop	✓	x
MagnetSpy antenna	x	✓
Advertising	✓	x
Color options	silver/black/white	✓
Antenna stand	x	✓

## ALUPROFI PLEXI 40

Available for EASYDET, SUPERDET

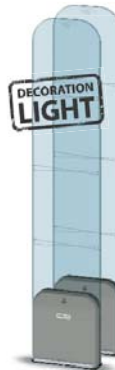


Height	1525 mm
Width	387 mm
Depth	62 mm
Weight	2x 8.3 kg
Base	389 x 64 mm
Advertising area (visible)	-

Features	Standard	Optional
RGB light	✓	x
Decoration light	x	x
Directional Visitor Counter	x	✓
MetalSpy loop	✓	x
MagnetSpy antenna	x	✓
Advertising	x	x
Color options	silver/black/white	✓
Antenna stand	x	✓

## CRYSTAL SMART 30

Available for EASYDET, SUPERDET



Height	1514 mm
Width	300 mm
Depth	20 mm
Weight	2x 13 kg
Base	314 x 298 x 110 mm
Advertising area (visible)	-

Features	Standard	Optional
RGB light	✓	x
Decoration light	✓	x
Directional Visitor Counter	x	x
MetalSpy loop	✓	x
MagnetSpy antenna	x	x
Advertising	x	x
Color options	silver/black/white	x
Antenna stand	x	x

## CRYSTAL CLEAR 35

Available for EASYDET, SUPERDET



Height	1510 mm
Width	350 mm
Depth	20 mm
Weight	2x 14.8 kg
Base	350 x 266 x 57 mm
Advertising area (visible)	-

Features	Standard	Optional
RGB light	✓	x
Decoration light	✓	x
Directional Visitor Counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Color options	anthracite	✓
Antenna stand	x	✓

## CRYSTAL CLEAR 50

Available for NG DUAL



Height	1507 mm
Width	495 mm
Depth	20 mm
Weight	2x 21 kg
Base	276 x 359 x 110 mm
Advertising area (visible)	-

Features	Standard	Optional
RGB light	✓	x
Decoration light	✓	x
Directional Visitor Counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Color options	silver/black/white	x
Antenna stand	x	x



### Integrated Solutions

#### 2in1 – Visitor Counter

Available for following designs:  
ALUPROFI 40, ALUPROFI PLEXI 40

#### 3in1 – MetalSpy and Visitor Counter

Available for following designs:  
ALUPROFI 40, ALUPROFI PLEXI 40  
CRYSTAL SMART 30 (MetalSpy only)

#### 4in1 – NG MetalMagnetSpy and Visitor Counter

Available for following designs:  
ALUPROFI 40

