



(AM) Acousto-Magnetic

ACE SYSTEM 58 kHz

AMERSEC® AM ACE system combines the best of our Acousto-Magnetic technology with cost effectiveness in a wide range of designer pedestals.

This system does not require a controller unit creating new possibilities for easy installation in any store. Advanced software diagnostics, easy synchronization, Jammer detection, and excellent tag and label detection parameters are among many other features AMERSEC® ACE systems have to offer.

The AM ACE system consists of a master pedestal which can support up to two additional receivers. Secure up to two aisles with one system, use the AM ACE as a single MONO system in a checkout configuration, or use it to protect stores where space is limited.

Remote service via internet is available for long-distance support and retail chains which require complete system information can benefit from the AMERSEC® StoreMonitor service which automatically sends important system data to the client's online account.

PERFORMANCE:

TAG/LABEL SIZE	DETECTION DISTANCE ¹
DR label	2x 130 cm
AMERSEC® Pencil Tag	2x 150 cm
AMERSEC® Rambo Tag	2x 180 cm

¹ Tested with AMERSEC® tags in all orientations, depending on antenna design and environment.

SYSTEM COMPARISON:

	AM ACE SYSTEM 58 kHz	AM CONTROLLER SYSTEM 58 kHz
Remote maintenance	✓	✓
StoreMonitor data management	✓	✓
Swept mode	✓	✓
Advanced DSP	✓	✓
Jammer detection	✓	✓
Air synchronization	✓	✓
Cable synchronization	✓	✓
Other frequencies	✗	✗
Additional alarm outputs	✓	✓
Installation	*	**

* Easy ** Intermediate *** Advanced

TECHNICAL SPECS:

- Input: 110-220V AC, 50-60 Hz
- Consumption: 60 W
- Center Frequency: 58 kHz
- Sweep Range: ±200 Hz

FEATURES:

- No controller unit
- StoreMonitor data management
- Remote tuning/maintenance
- Event management
- Compatible with MetalSpy/NG MetalMagnetSpy
- Inbuilt Jammer detection
- Energy efficient – low power consumption
- Additional relay outputs
- Digital oscilloscope functions
- Environment scanning for easy synchronization

OPTIONS:

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

COMPLIANCE:

- ETSI EN 300 330-1 V1.7.1:2010
- ETSI EN 300 330-2 V1.3.1:2006
- ETSI EN 301 489-1 V1.8.1:2008
- ETSI EN 301 489-3 V1.4.1:2003
- EN 55022: 2006 + A1: 2007
- EN 61000-3-2: 2006 + A1: 2009 + A2: 2009
- EN 61000-3-3: 2008

Designs

ALUPROFI 40



Height	1530 mm	
Width	387 mm	
Depth	62 mm	
Weight	13.5 kg/9.2 kg	
Base	389 x 64 mm	
Advertising area (visible)	1456 x 303 mm	
Features	Standard	Optional
RGB light	✓	✗
Directional Visitor Counter	✗	✓
MetalSpy loop	✗	✓
MagnetSpy antenna	✗	✓
Advertising	✓	✗
Color options	silver/black/white	✓
Antenna stand	✗	✓

ALUPROFI 50



Height	1529 mm	
Width	553 mm	
Depth	62 mm	
Weight	18.5 kg/14.4 kg	
Base	555 x 64 mm	
Advertising area (visible)	1456 x 469 mm	
Features	Standard	Optional
RGB light	✓	✗
Directional Visitor Counter	✗	✓
MetalSpy loop	✗	✓
MagnetSpy antenna	✗	✓
Advertising	✓	✗
Color options	silver/black/white	✓
Antenna stand	✗	✓

ALUPROFI PLEXI 50



Height	1529 mm	
Width	553 mm	
Depth	62 mm	
Weight	15.9 kg/12.9 kg	
Base	555 x 64 mm	
Advertising area (visible)	-	
Features	Standard	Optional
RGB light	✓	✗
Directional Visitor Counter	✗	✓
MetalSpy loop	✗	✗
MagnetSpy antenna	✗	✗
Advertising	✗	✓
Color options	silver/black/white	✗
Antenna stand	✗	✓

CRYSTAL EASY 50



Height	1511 mm	
Width	495 mm	
Depth	20 mm	
Weight	22.5 kg/18 kg	
Base	359 x 280 x 110 mm	
Advertising area (visible)	-	
Features	Standard	Optional
RGB light	✓	✗
Directional Visitor Counter	✓	✗
MetalSpy loop	✗	✗
MagnetSpy antenna	✗	✗
Advertising	✗	✗
Color options	silver/black/white	✗
Antenna stand	✗	✗

CRYSTAL ULTRA 65



Height	1511 mm	
Width	660 mm	
Depth	25 mm	
Weight	20.5 kg/16 kg	
Base	409 x 280 x 115 mm	
Advertising area (visible)	-	
Features	Standard	Optional
RGB light	✓	✗
Directional Visitor Counter	✓	✗
MetalSpy loop	✗	✗
MagnetSpy antenna	✗	✗
Advertising	✗	✗
Color options	silver/black/white	✗
Antenna stand	✗	✗

AM EXTENDER



Height	800 mm	
Width	110 mm	
Depth	47 mm	
Weight	2.3 kg	
Base	-	
Advertising area (visible)	-	
Features	Standard	Optional
RGB light	✗	✗
Decoration light	✗	✗
Directional Visitor Counter	✗	✗
MetalSpy loop	✗	✗
MagnetSpy antenna	✗	✗
Advertising	✗	✗
Color options	silver/black/white	✗
Antenna stand	✗	✗



Integrated Solutions

2in1 – Visitor Counter

Available for following designs:
ALUPROFI 40, ALUPROFI 50,
CRYSTAL EASY 50, CRYSTAL ULTRA 65

3in1 – MetalSpy and Visitor Counter

Available for following designs:
ALUPROFI 40, ALUPROFI 50

4in1 – NG MetalMagnetSpy and Visitor Counter

Available for following designs:
ALUPROFI 40, ALUPROFI 50

