

Acousto-Magnetic systems (AM) MONO/DOUBLE MONO 58 kHz



AMERSEC AM SYSTEM 58 kHz is an advanced Acousto-Magnetic software-driven system capable of excellent detection of 58 kHz DR labels and hard tags. With good resistance to interference and intuitive software diagnostics, the AMERSEC AM system is a good choice for any store.

The AMERSEC AM SYSTEM consists of a main controller unit connecting up to 6 independent antennas, making large exits very cost-effective. The antennas are fully universal and can be simply configured as Transceiver (MONO), Transmitter or Receiver. This enables full flexibility at the time of installation. Additional Receiver antennas can be added for extra detection at even lower prices.

The AM System includes in-built Jammer detection, a favorite tool of professional shoplifters. In-built digital oscilloscope features make troubleshooting and synchronization very easy. Additional software options include frequency sweeping, advanced noise filters and choice of alarm sound/light.

Remote tuning via internet is available for long-distance support and retail chains which require full system information can benefit from the AMERSEC StoreMonitor services which collect important system data to the customer's online account.

PERFORMANCE:

TAG/LABEL SIZE	DETECTION DISTANCE ¹
DR Paper Label	up to 1.90 m
Triangle Tag (small)	up to 2.40 m
Pencil tag (medium)	up to 2.40 m
Rambo Tag (ferrite)	up to 3.00 m

¹for all positions of the tag/label in standard environment, may vary depending on antenna design. Indicated distances are between two antennas.

KEY FUNCTIONS:

	AM SYSTEM 58 kHz
Remote maintenance	●
StoreMonitor data services	●
Swept mode	●
Advanced DSP	●
Jammer detection	●
Air synchronization	●
Cable synchronization	×
Other frequencies	×
Additional alarm output	●
Installation	**

* Easy
** Intermediate
*** Advanced

FEATURES:

- Universal antennas for maximum flexibility
- Up to 6 antennas powered from 1 controller unit
- Built-In Jammer detection
- Built-In digital oscilloscope functions
- Additional relay outputs
- Remote maintenance
- StoreMonitor data collection service
- Advanced Digital Signal Processing
- Environmental scanning for easy synchronization
- SMD technology
- Compatible with MetalSpy/MagnetSpy systems
- Low consumption

OPTIONS:

- Built-In People Counter
- Built-In MetalSpy
- Built-In NG Metal&MagnetSpy
- Customized Colours

TECHNICAL SPECS:

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

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 30



Height	1529 mm	
Width	303 mm	
Depth	62 mm	
Weight	6.5 kg	
Base	305 x 64 mm	
Advertising area (visible)	-	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Colour options	silver/black	●
Antenna stand	x	●

ALUPROFI PLEXI 30



Height	1529 mm	
Width	303 mm	
Depth	62 mm	
Weight	7 kg	
Base	305 x 64 mm	
Advertising area (visible)	-	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Colour options	silver/black	●
Antenna stand	x	●

ALUPROFI 40



Height	1530 mm	
Width	387 mm	
Depth	62 mm	
Weight	9.7 kg	
Base	389 x 64 mm	
Advertising area (visible)	1456 x 303 mm	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	x	●
MetalSpy loop	x	●
MagnetSpy antenna	x	●
Advertising	●	x
Colour options	silver/black	●
Antenna stand	x	●

ALUPROFI PLEXI 40



Height	1530 mm	
Width	387 mm	
Depth	62 mm	
Weight	8.3 kg	
Base	389 x 64 mm	
Advertising area (visible)	-	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	x	●
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Colour options	silver/black	●
Antenna stand	x	●

ALUPROFI 50



Height	1529 mm	
Width	553 mm	
Depth	62 mm	
Weight	13 kg	
Base	555 x 64 mm	
Advertising area (visible)	1456 x 469 mm	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	x	●
MetalSpy loop	x	●
MagnetSpy antenna	x	●
Advertising	●	x
Colour options	silver/black	●
Antenna stand	x	●

ALUPROFI PLEXI 50



Height	1529 mm	
Width	553 mm	
Depth	62 mm	
Weight	11.5 kg	
Base	555 x 64 mm	
Advertising area (visible)	-	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	x	●
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Colour options	silver/black	●
Antenna stand	x	●

CRYSTAL EASY 36



Height	1511 mm	
Width	355 mm	
Depth	200 mm	
Weight	14.5 kg	
Base	321.5 x 285.5 x 10 mm	
Advertising area (visible)	-	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Colour options	silver/black white	x
Antenna stand	x	x

CRYSTAL EASY 40



Height	1511 mm	
Width	395 mm	
Depth	200 mm	
Weight	15.3 kg	
Base	359 x 280 x 110 mm	
Advertising area (visible)	-	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	●	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Colour options	silver/black white	x
Antenna stand	x	x

AM EXTENDER



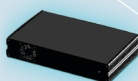
Height	800 mm	
Width	110 mm	
Depth	47 mm	
Weight	2.3 kg	
Base	-	
Advertising area (visible)	-	
Features		
RGB light	Standard	Optional
Decoration light	x	x
Directional sensors	x	x
Directional People counter	x	x
MetalSpy loop	x	x
MagnetSpy antenna	x	x
Advertising	x	x
Colour options	silver/black white	x
Antenna stand	x	x

AM CONTROLLER UNIT



Height	428 mm
Width	293 mm
Height	100 mm
Weight	6.7 kg
Distance from AM antenna	up to 7 m

AM/METAL&MAGNETSPY DOUBLE CONTROLLER UNIT



Height	508 mm
Width	293 mm
Height	100 mm
Weight	7.5 kg
Distance from AM antenna	up to 7 m
Distance from Metal/MagnetSpy antenna	up to 10 m