



## (AM) Acousto-Magnetic

## LOOP SYSTEM 58 kHz

The **AMERSEC® AM Loop system** offers a discreet shoplifting prevention solution for retailers who do not wish or cannot obstruct the store entrance with traditional EAS pedestals.

The AM Loop consists of a cable which runs through the floor and the door frame to conceal it from view. Small units are mounted on the door frame and act as receivers as well as visual and sound indicators.

The Loop system provides ideal protection for luxury boutiques or retailers which are using shopping trolleys or other visual displays at the entrance, or their marketing strategy simply does not allow anti-shoplifting pedestals to be visible at the store entrance.

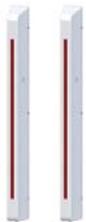
Our AM Loop system offers the same advantages of remote maintenance and system data collection as our regular pedestal-type AM systems. StoreMonitor compatibility gives you the opportunity to work actively with your security system and manage features important for your article protection on a daily basis.

### PERFORMANCE:

TAG/LABEL SIZE	DETECTION DISTANCE <sup>1</sup>
DR Label	up to 200 cm
AMERSEC® Pencil tag	up to 250 cm
AMERSEC® Rambo tag	up to 300 cm

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

### LOOP EXTENDERS:



Length	800 mm
Width	108 mm
Depth	64 mm
Weight	2x2.3 kg

### AM CONTROLLER UNIT:



Length	428 mm
Width	293 mm
Height	100 mm
Weight	6.7 kg

### TRANSMITTER TUNING BOX:



Length	185 mm
Width	170 mm
Height	51 mm
Weight	0.5 kg

Part of the transmitter tuning box is a TX wire with diameter of 12 mm and length of up to 10 m.

### FEATURES:

- Concealed system
- StoreMonitor data management
- Remote tuning/maintenance
- Event management
- Inbuilt Jammer detection
- Energy efficient - low power consumption
- Additional relay output
- Inbuilt digital oscilloscope functions
- Environment scanning for automatic sensitivity adjustment

### OPTIONS:

- StoreMonitor data management

### 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

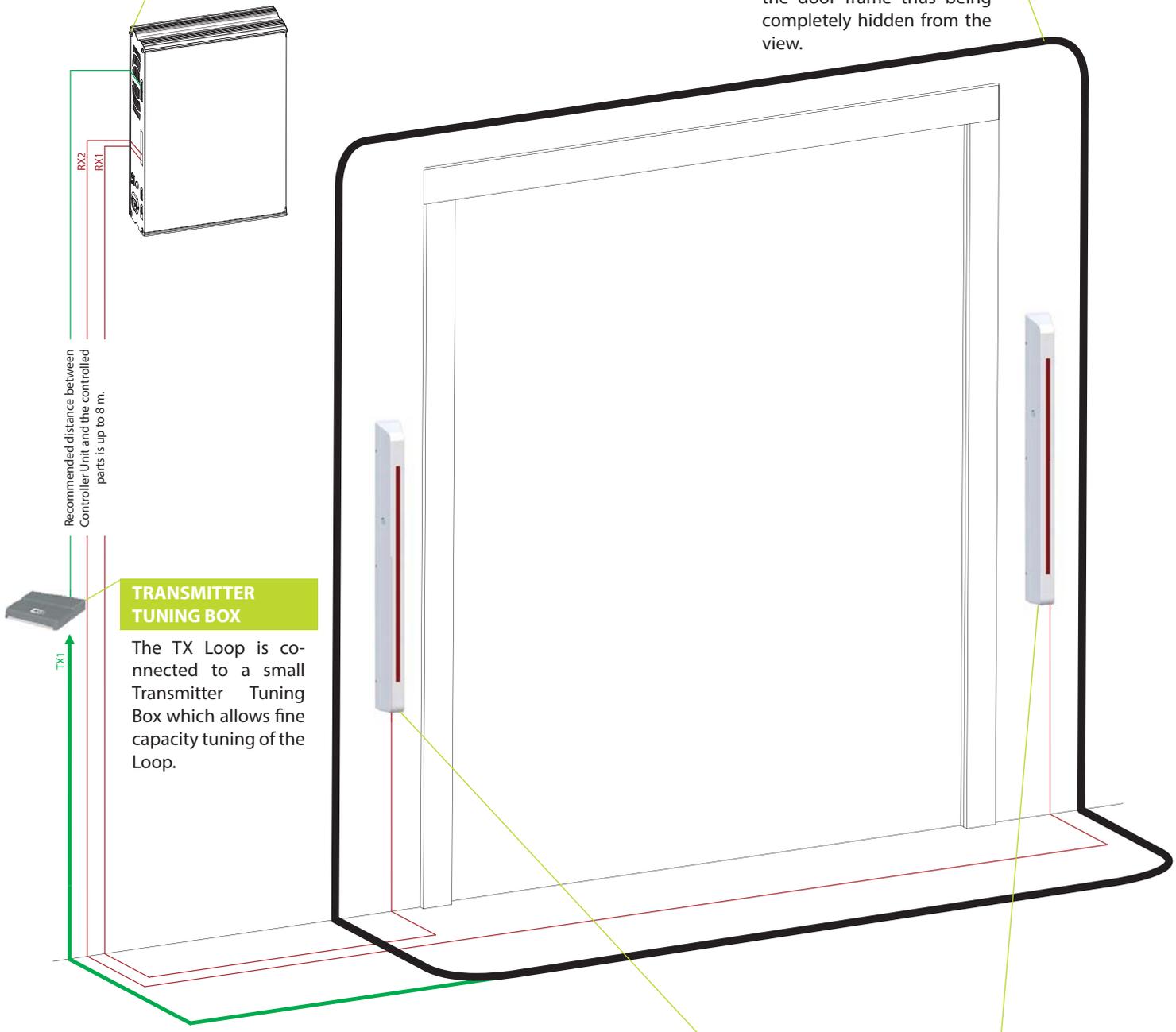
# Loop diagram

## AM CONTROLLER UNIT

The AM Loop system is controlled by the AMER-SEC® AM Controller Unit thereby the system offers the same features as our AM Controller system. Amongst the standard features are inbuilt jammer detection, additional relay outputs for advanced alarm settings, and sophisticated functions for easy adjustment of the system. The Loop system allows for remote tuning as well as the StorMonitor online data management.

## TX LOOP

The TX Loop is a simple wire which runs in the floor and the door frame thus being completely hidden from the view.



Recommended distance between Controller Unit and the controlled parts is up to 8 m.

## TRANSMITTER TUNING BOX

The TX Loop is connected to a small Transmitter Tuning Box which allows fine capacity tuning of the Loop.

## LOOP EXTENDERS

The only parts of the AM Loop system which are visible are two small Loop Extenders which enable sound and visual alarm. The units are mounted on the sides of the door frame.