

# XG-AM5012

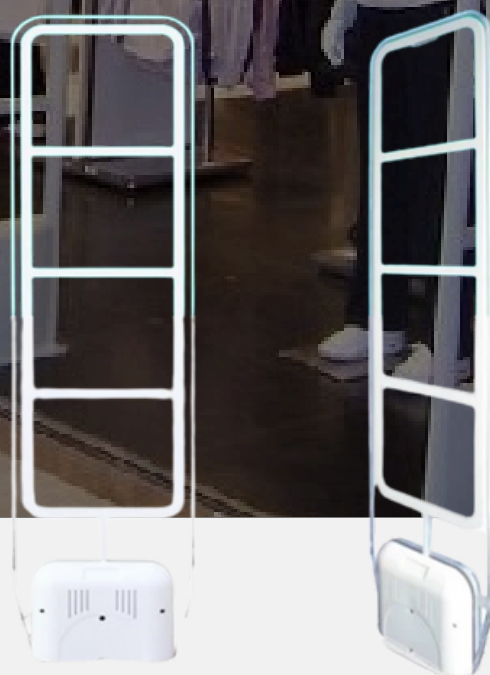
# Electromagnetic (EM) Antenna

## High-Performance Security Solution for Retail and Libraries

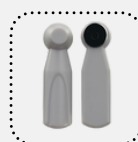
The XG-AM5012 Electromagnetic Antenna is a modern, high-quality security system designed for various retail and public environments. Its transparent acrylic design enhances the store's aesthetics while offering superior detection and alarm accuracy for small to medium-sized spaces, including libraries, bookstores, pharmacies, cosmetic shops, and jewelry stores.

## Key Feature

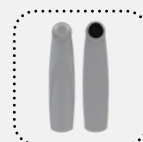
High-Quality Design:	Manufactured from premium acrylic materials with a sleek, transparent look for a modern feel.
Accurate Detection:	Provides reliable detection across all three label orientations with minimal false alarms.
Enhanced Stability:	Utilizes Digital Signal Processing (DSP) and Dynamic Phase Detection (DMPD) for stable operation.
Wide Compatibility:	Compatible with global EM label standards, including those on metal or covered with aluminum foil.
Advanced Alarming:	Combines sound and light alarms for clear notifications.
Efficient System Design:	A single power supply unit supports up to three antennas with installation distances of up to 90cm.



## Consumables Electronic Tags



AM Midi Pencil:  
Detection range  
of 1.7 meters.



AM Large Flat Pencil:  
Detection range of 2.4  
meters.



AM Label: Detection  
range of 1.7 meters.



AM Self-alarm Tag  
Detection: 2.4m



AM Self-alarm Tag  
Detection: 2.4m

## Deactivator



Deactivator



Detacher



Detacher



### Premium Acrylic Construction

Made from high-quality acrylic for durability and a polished, modern look.

### Compact and Space-Saving

Slim dimensions (150cm x 38cm x 25cm) make it perfect for small to medium spaces while maintaining performance.



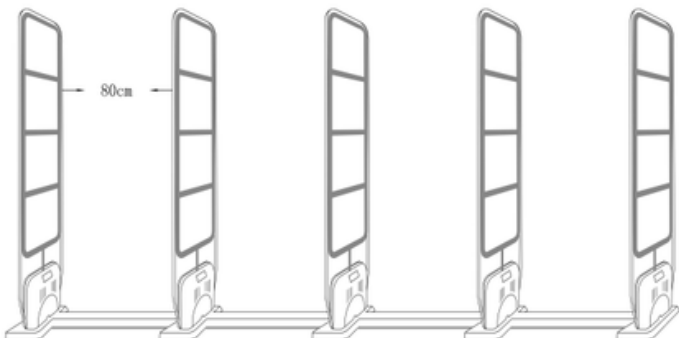
### Integrated Alarm System

Built-in sound and light alarms provide clear, immediate alerts without requiring additional hardware.



### Advanced Technology Integration

Incorporates DSP and DMPD in a sleek design for optimal performance without bulk.



## Dimension



## Application



Libraries



Pharmacies



Jewelry Stores

## Specification

Model Number:	XG-AM5012
Material:	Acrylic
Technology:	Electromagnetic (EM)
Frequency:	1.042 KHz
Input Voltage:	100-240V, 50/60Hz
Output Voltage:	5V AC (Single Aisle), 15V AC (Double Aisle)
Output Power:	35W
Detection Range:	30W per antenna
Dimensions:	150cm (H) x 38cm (L) x 25cm (W)
Alarm Type:	Sound and light
Durability:	Average trouble-free time ≥80,000 hours