

DHI-ISC-EAR6-E1xx

Lite Network Aluminum Alloy EAS RF Antenna (MONO)



System Overview

EAS RF Antenna is an RF label and tag detection equipment with superior performance and unmatched features. It can detect and recognize RF labels and tags within its coverage. Then not only does it alarm, but it also sends the signal to the monitoring camera through CCTV module simultaneously and saves the alarm videos automatically for reference. Its high performance contributes to reducing business loss and theft. The equipment has ultra-long detection distance and excellent anti-interference ability, which has proven its high cost performance in its multiple applications in different scenarios.

Features

EAS Label and Tag Detection

It can effectively detect RF labels and tags within the coverage range. Once the product with a label or tag passes through the antenna, a sound and light alarm will be triggered, and the alarm volume can be adjusted as needed.

Anti-inference Adjustment

Supports the configuration of TX strength, threshold, gain, and noise reduction level. It promotes the device's adaptability to most of the interference environment. And the parameters can be easily set on the web side.

CCTV Linkage

Once the alarm is triggered, the antenna will send the signal to the CCTV system and save the alarm videos automatically for reference. Its high performance contributes to reducing business loss and theft.

- Superior detection distance, max detection distance can be 0.9 meters(48 x 42 mm RF tags).
- Excellent anti-interference capacity, continuous working in complex electromagnetic environment.
- Supports network platform connection such as DSS Pro platform.
- Supports cloud services and remote configuration.
- Supports multiple languages (Optional).
- Supports CCTV linkage.
- Supports alarm duration adjustment.
- Supports alarm tone adjustment.
- Supports sound and light alarm tests.
- Support tag too close alarm.
- Supports firmware upgrade.
- Supports transmission strength adjustment.
- Supports noise reduction level adjustment.
- Supports alarm counting.
- Supports web configuration.
- Supports label protection.
- Supports the display of waveform graphs.
- The local logs can be viewed and exported.

Network Platform Connection

The antenna is equipped with the network communication function. This function enables the device connect to the network platform and supports the remote configuration of the device at any time.

Strong & Durable

Forged aluminum alloy material is beneficial for its excellent impact resistance. And it has features such as minimalist design, simple installation as well as easy configuration, which is suitable for all types of malls.

Applications

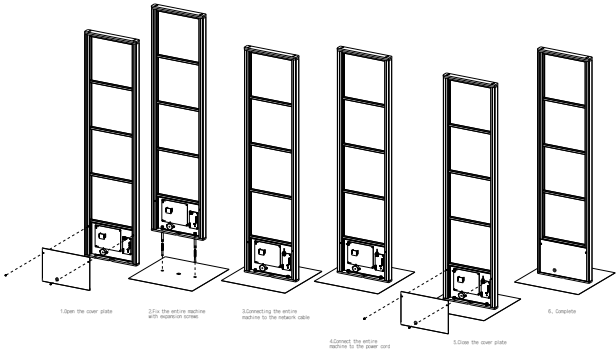
Suitable for supermarkets, shopping malls, clothing stores, pharmacies, luggage stores and more.

Technical Specification		
Performance		
Model	DHI-ISC-EAR6-E108-S	DHI-ISC-EAR6-E101-S
Technology	Radio-Frequency (RF)	
Detection Frequency	8.2 MHz	
Max. Detection Distance of Tags(High Signal Side)	0.9 m(2.95 ft)(48 x 42 mm RF tags) (one side of one antenna) depending on the site environment	
Max. Detection Distance of Labels(High Signal Side)	0.8 m(2.62 ft)(40 x 40 mm RF labels) (one side of one antenna) depending on the site environment	
Alarm Volume	Max 90 dB (Adjustable)	
Antenna Type	Integrated transceiver antenna	
Sound & Light Alarm	Integrated transceiver antenna	
Signal Strength Display	Integrated transceiver antenna	
Certifications		
Certifications	CE-LVD: Low Voltage Directive 2014/35/EU CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU CE-RED: Radio Equipment Directive 2014/53/EU	
RoHS	Conform with RoHS Directive 2011/65/EU, 2015/863/EU and REACH regulations as defined in EC No 1907/2006 and subsequent amendments.	
Ports		
Alarm Output Port	For Camera Linkage	
Network Port	RJ45	
Network Protocol	HTTP, TCP/IP	
Open Protocol	SDK	
Supporting Software	DSS Pro, Configtool, WISS	DSS Pro, Configtool
Regular		
Shell Material	Aluminum Alloy	
Shell Color	Silver+Black	
Input Voltage	100 – 240V AC @ 50 Hz / 60 Hz	
Maximum Power Consumption	17W	
Typical Power Consumption	15.5W	
Overall Exterior Dimensions	1622mm x 406mm x 45mm (63.86"*15.98"*1.77")	
Packing Dimensions of Antenna	1720mm × 510mm × 125 mm(67.72"*20.08"*4.92")	
Net Weight	5.8kg(12.79lb)	

Total Weight	9kg (19.84lb)
Operating Temperature	0 °C – 45 °C (32 °F – 113 °F)
Operating Humidity	5 % – 95 % (RH)
Installation	Vertical pole mount

Ordering Information		
Type	Model	Description
EAS RF Antenna (MONO)	DHI-ISC-EAR6-E108-S	Ultra Network Acrylic EAS RF Antenna (MONO,WISS Lic)
	DHI-ISC-EAR6-E101-S	Ultra Network Acrylic EAS RF Antenna (MONO)

Installation



Dimensions (mm [inch])

