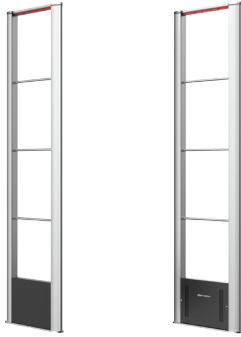


DHI-ISC-EAR6-C1xx

Network Pro Series EAS RF Antenna



Introduction

Equipped with superior performance, the RF anti-theft antenna has proven its advantages in detecting various RF labels and tags within its detection range. It has an excellent anti-interference capacity, which plays a significant part in preventing loss for various retailers. There are irreplaceable features such as sturdy and colorfast aluminum alloy material as well as minimalist design, which contributes to less maintenance and easy operation.

Functions

Sound & Light Alarm

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

Anti-interference Adjustment

Supports configurations such as multi-level alarm sensitivity and threshold, antenna gain and real-time interference indicator. It is beneficial for the antenna to effectively adapt to the vast majority of interference environments. And the parameters and phase synchronization can be easily set through the buttons and screen.

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 less business loss and theft.

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.

- Superior detection distance, max detection distance between 2 antennas can be 2 meters (RF Square Tag DHI-ISC-ETR5-T004W)
- Excellent anti-interference capacity, continuous working in complex electromagnetic environment.
- 1 TX antenna can connect up to 2 RX antennas.
- Supports network platform connection such as DSS Pro platform.
- Supports cloud services and remote configuration.
- Supports multiple languages (Optional).
- Supports CCTV linkage.
- Supports tag early-warning function.
- Supports 6-level adjustable sweep frequency bandwidth.
- Both transmitter and receiver support sound and light alarm and synchronous adjustment.
- Supports firmware upgrade.
- Supports 98-level sensitivity adjustment.
- Quick sensitivity adjustment, fast setup.
- Supports web configuration.
- Alarm volume and alarm tone are both adjustable.
- Economical operating power consumption, power-saving and environmentally friendly.
- Metal frame design, which is beautiful, stylish, durable, solid and easy to install.

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.

Environmental Protection

Ultra-low power consumption and CE certification ensure that the antenna is energy-efficient and environmentally-friendly.

Scene

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

Technical Specification

Performance

Model	DHI-ISC-EAR6-C101-G02	DHI-ISC-EAR6-C101-T	DHI-ISC-EAR6-C101-R	DHI-ISC-EAR6-C108-G02	DHI-ISC-EAR6-C108-R
Technology	Radio-Frequency (RF)				
Detection Frequency	8.2 MHz				
Max. Detection Distance of Tags	1.8 m- 2.0m (5.91 ft- 6.56 ft)(distance between 2 antennas) *depending on environment				
Max. Detection Distance of Labels	1.4 m- 1.8m (4.59 ft- 5.91ft) (distance between 2 antennas) *depending on environment				
Alarm Volume	Max 90 dB (Adjustable)				
Antenna Type	TX and RX Antenna	TX Antenna	RX Antenna	TX and RX Antenna	RX Antenna
Adaptability	1 TX antenna can connect to 2 RX antennas simultaneously. Supports the cascading of multiple antennas.				
Sound & Light Alarm	TX Antenna and RX Antenna				
Signal Strength Display	RX Antenna	NA	RX Antenna	RX 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	NA	For Camera Linkage		
Sensitivity Adjustment Button	Adjustable Multi-level Sensitivity	NA	Adjustable Multi-level Sensitivity		
Network Port	RJ45	NA	RJ45		
Network Protocol	HTTP, TCP/IP	NA	HTTP, TCP/IP		
Open Protocol	SDK	NA	SDK		
Supporting Software	DSS Pro, Configtool	NA	DSS Pro, Configtool	DSS Pro, Configtool, WISS	

Regular

Shell Material	Aluminum Alloy				
Shell Color	Silver + Gray				
Input Voltage	100 – 240 VAC @ 50 Hz / 60 Hz	100 – 240 VAC @ 50 Hz / 60 Hz	24 VDC	100 – 240 VAC @ 50 Hz / 60 Hz	24 VDC
Output Voltage	24 VDC	24 VDC	NA	24 VDC	NA
Maximum Power Consumption	11 W	6 W	5 W	11 W	5 W

Typical Power Consumption	9 W	5 W	4 W	9 W	4 W
Overall Exterior Dimensions	NA	1543 mm × 427 mm × 65 mm (60.75" × 16.81" × 2.56")		NA	1543 mm × 427 mm × 65 mm (60.75" × 16.81" × 2.56")
Packing Dimensions of Antenna Kit	1650 mm × 500 mm × 240 mm (64.96" × 19.69" × 9.45")	1650 mm × 490 mm × 125 mm (64.96" × 19.29" × 4.92")		1650 mm × 500 mm × 240 mm (64.96" × 19.69" × 9.45")	1650 mm × 490 mm × 125 mm (64.96" × 19.29" × 4.92")
Total Weight	11.5 kg (25.35 lb)	6.2 kg (13.67 lb)	6.2 kg (13.67 lb)	11.5 kg (25.35 lb)	6.2 kg (13.67 lb)
Operating Temperature	0 °C – 45 °C (32 °F – 113 °F)				
Operating Humidity	5 % – 95 % (RH), non-condensing				
Installation	Vertical Pole Mount				

* 1.8m Detection Distance Use Label DHI-ISC-ETR1-5050

Ordering Information

Type	Model	Description
EAS RF Antenna	DHI-ISC-EAR6-C101-G02	Pro Network AI Alloy EAS RF Antenna Kit (T+R)
	DHI-ISC-EAR6-C101-R	Pro Network AI Alloy EAS RF Antenna (R)
	DHI-ISC-EAR6-C101-T	Pro AI Alloy EAS RF Antenna (T)
	DHI-ISC-EAR6-C108-G02	Pro Network AI Alloy EAS RF Antenna Kit (T+R, WISS Lic)
	DHI-ISC-EAR6-C108-R	Pro Network AI Alloy EAS RF Antenna (R, WISS Lic)

Dimensions (mm[inch])

