



iSOS-ALM-Horn

iSOS wireless alarm siren module (Asia Only)

Features

- Provide wireless trigger alarm function
- With Ultra-Bright LED
- Selectable 4 alarm tones
- Supports 433MHz radio frequency
- Selectable 16 radio frequency channels

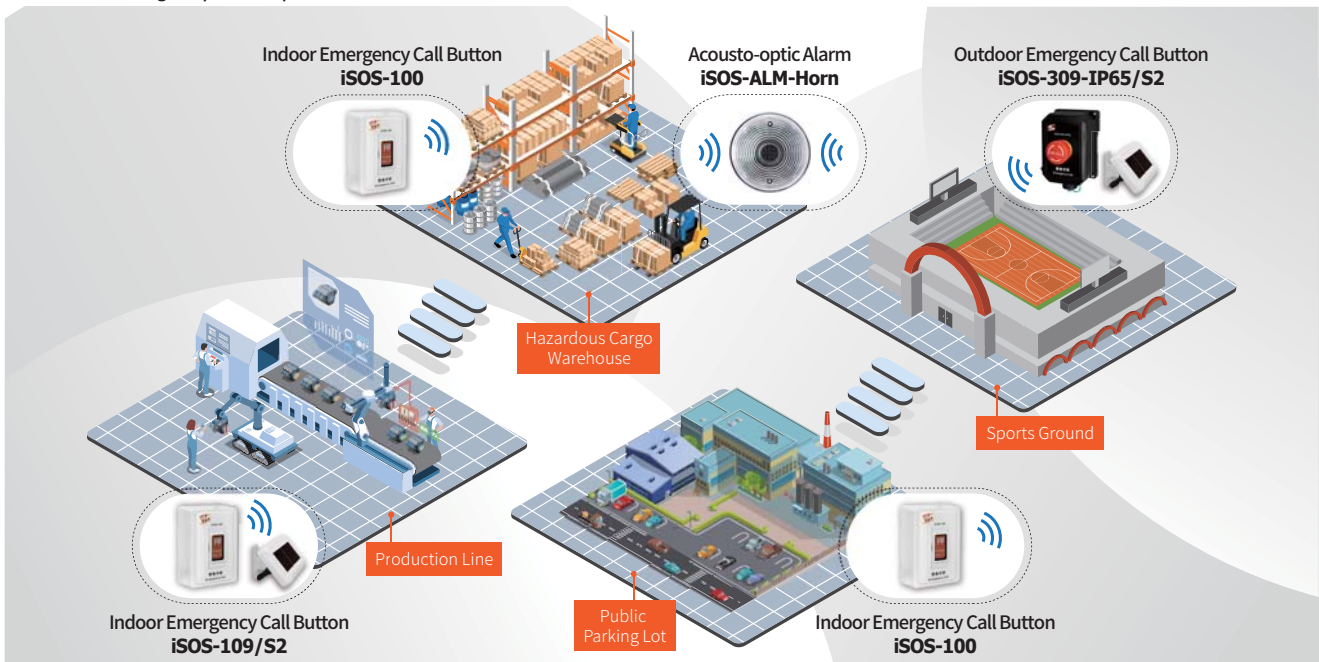


Introduction

iSOS-ALM-Horn is a wireless audible visual alarm siren used in the iSOS emergency rescue system. It supports Sub-1G wireless communication interface, which can obtain trigger signals from the wireless alarm system and activate siren and flash warnings to achieve a deterrent effect and improve personal safety protection. iSOS-ALM-Horn has a built-in ultra-bright LED light and provides 4 selectable alarm tones and a maximum siren sound pressure level of 120dB. In addition, 6 sets of ID trigger settings are provided to select the iSOS series module to activate the sound and light alarm. They are suitable for use in public toilets, hospitals, campuses, parking lots, and other areas.

Applications

- Wireless Emergency Alert System

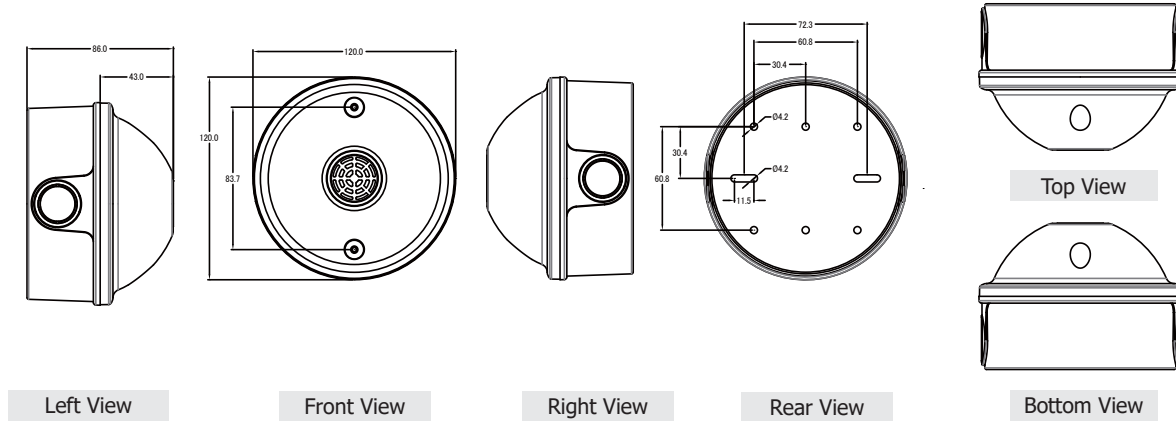


System Specifications

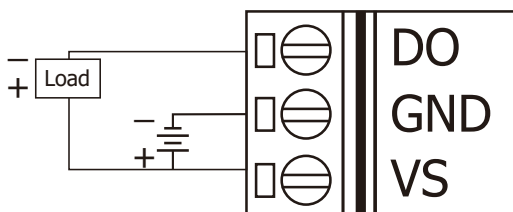
RF	
Channels	0 ~ 15 (Selectable by DIP Switch)
Group ID	0 ~ 3 (Selectable by DIP Switch)
Radio Frequency	433.1000 ~ 434.6000 MHz
Transmission Power	9±1dBm (PA Off) / 18±1dBm (PA On)
Transmission Distance (LoS)	50 m
Node ID	1 ~ 31 configured by DIP switch
Alarm Output	
LED	Water clear upper cover with 8 RED UltraBright RED LED
Piezo Transducer Pressure Level	120 ±5 dB @10cm/3.0 KHz (W/O waterproof membrane)
Antenna	
Type	Built-in Omni-directional antenna

Power	
Input Range	+10 ~ +30 VDC
Consumption	0.6 W
Mechanical	
Dimensions (mm)	120 x 120 x 86(W x L x H)
Installation	Wall-mount
Environment	
Operating Temperature	-25°C ~ +75°C
Humidity	10 ~ 90% RH(Non-condensing)


■ Dimensions (Units: mm)




■ Wire Connections



■ Pin Assignments






Connector	 CON1	
Terminal NO	2	1
Define	10~30 VDC	GND

Connector	 CON2					
Terminal NO	6	5	4	3	2	1
Define	10~30 VDC	GND	DO	NC	NC	NC

■ Ordering Information

iSOS-ALM-Horn CR	iSOS wireless alarm siren module (RoHS) (Asia Only)
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■ Related Products

	iSOS-100 CR	iWSN indoor emergency call button module(RoHS) (Asia Only)
	iSOS-109/S2 CR	iSOS Indoor light charging emergency call button module (RoHS) (Asia Only), Includes SP-S2-DS charging module
	iSOS-300-IP65 CR	iSOS waterproof emergency call button module (RoHS) (Asia Only)
	iSOS-309-IP65 CR	iSOS waterproof light charging emergency call button module (RoHS) (Asia Only)
	iSOS-800-PT CR	iSOS Handheld emergency call button module (RoHS) (Asia Only)