ICP DAS

iSOS Button series FAQ

FAQ Version 1.00

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Q1: How to replace the battery of iSOS Emergency Button Series?

A1: After removing the case of iSOS-100/iSOS-300-IP65/iSOS-800-PT, you can replace the CR123A battery.

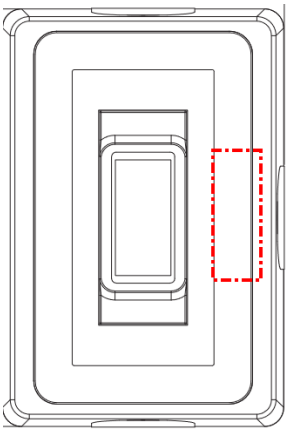
iSOS-100

[Module Case]

Separate the case body and base by applying pressure to the red circle at the same time.



[Battery]



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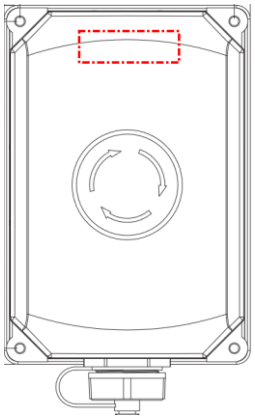
iSOS-300-IP65

[Module Case]

Remove the six screws at the back of the outer case body to open the lid.。



[Battery]



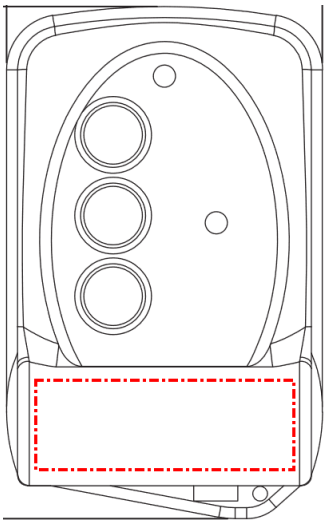
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iSOS-800-PT

[Module Case]
Remove the screws behind the module to remove the case.



[Battery]



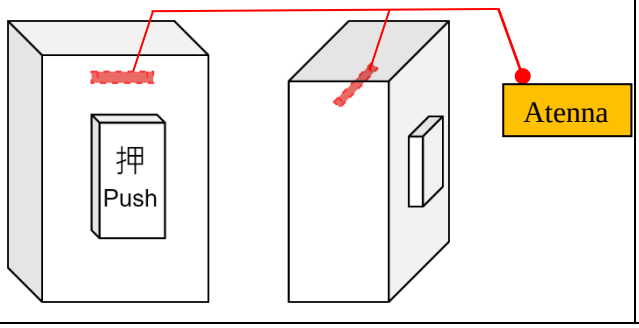
Q2: What is the illumination requirement of SP-S2-DS?

A2: Larger than 300lux

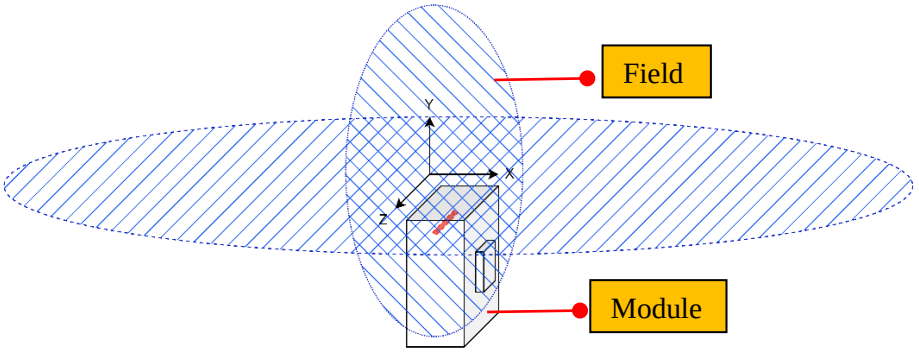
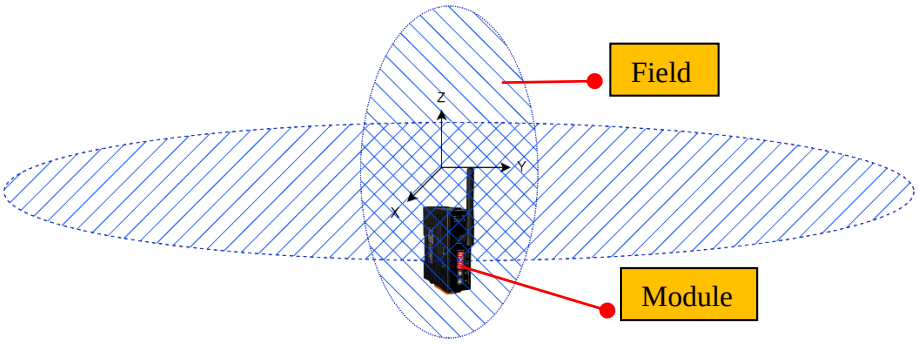
Q3: What is the antenna field of iSOS-100/iSOS-109, how to install the iSOS series with iWSN-200, and what are the installation suggestions?

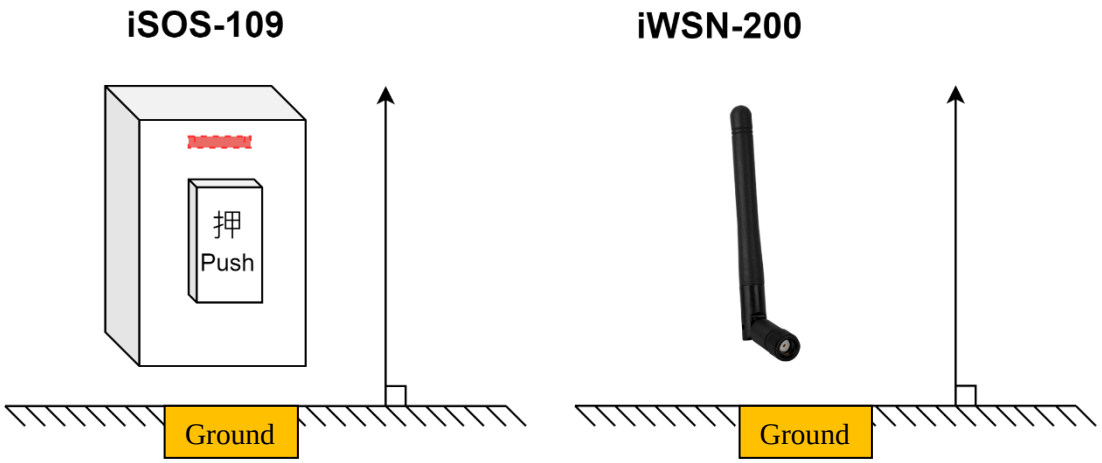
A3: iWSN-200 series and iSOS series are both omni-directional antennas. iWSN-200 series antennas can be adjusted directly outside the organisation to adjust the angle or adjusted the position through the antenna extension cable, while the iSOS series is a built-in spring-loaded antenna, and the antenna position and angle are shown in the table below.

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antenna position	Description
	The iSOS-109 uses a spring-loaded antenna, which is located at the top edge of the device inside, in a horizontal position, and can be removed from the case for verification before setting up.

The iSOS and iWSN antenna field are shown below. Installers can follow the suggestion to achieve better wireless signal coverage:

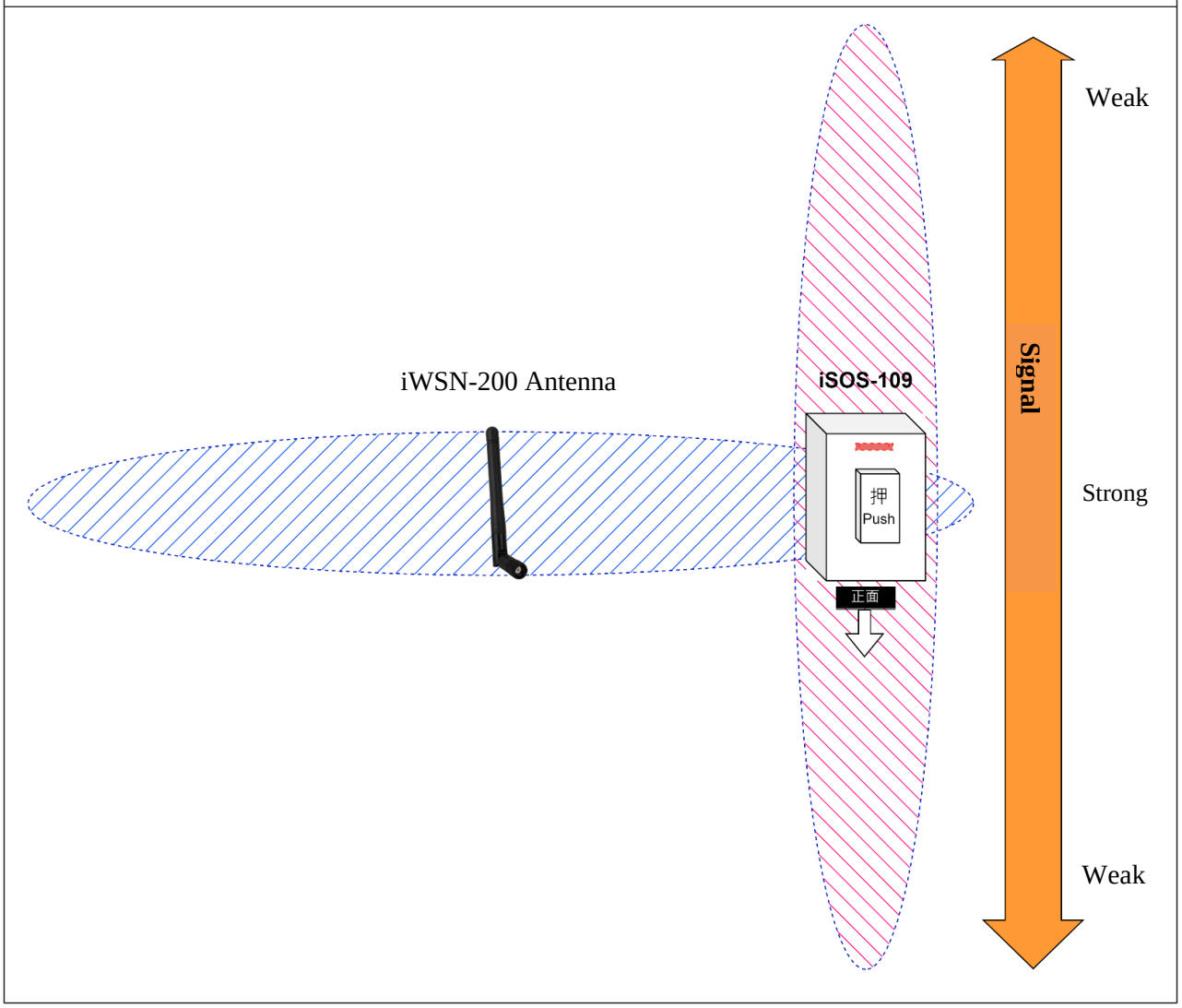
Module	Antenna Field
iSOS-109 	
iWSN-200 	



If the receiving antenna is perpendicular to the button mounting surface. You can place the antenna of the iWSN-200 as close as possible to the centre of the iSOS to increase the coverage area.

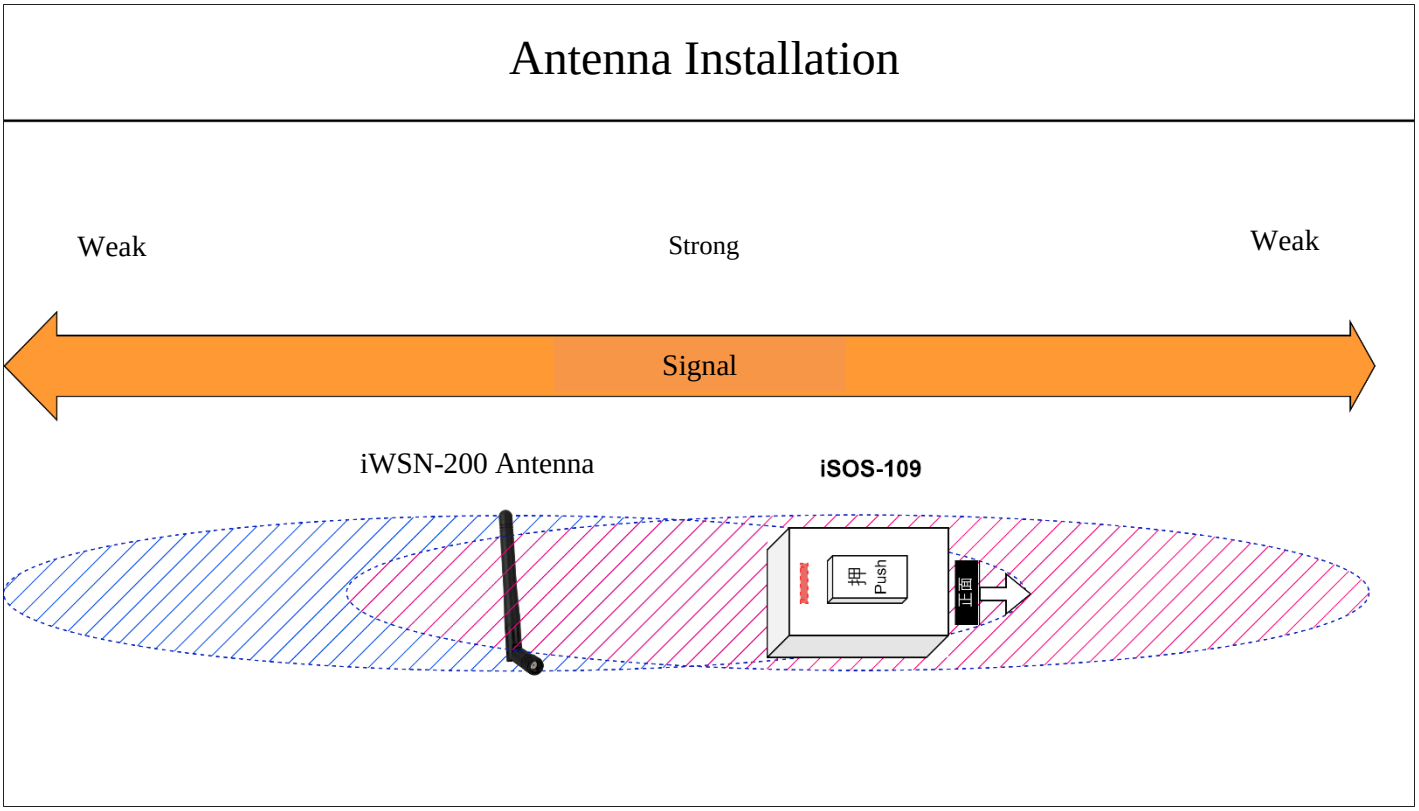
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Antenna Installation



If the antenna is parallel to the button mounting surface, also shorten the parallel distance to increase the wireless signal coverage area.

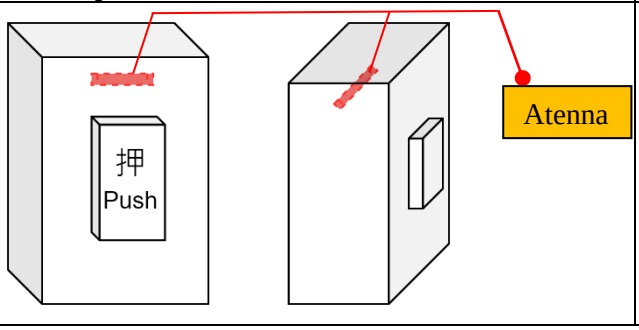
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The location and signal strength information is recorded and can be used for maintenance.

Q4: How to avoid the power cable of SP-S2-DS to be extruded to the antenna when installing iSOS-109/S2?

A4: The location of the antenna of iSOS-109 is shown below, if you need to use the alignment holes at that location, please fix the cables inside the box first, or use other alignment holes instead.

antenna position	Description
	The iSOS-109 uses a spring-loaded antenna, which is located at the top edge of the device inside, in a horizontal position, and can be removed from the case for verification before setting up.

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