Air Quality Systems

AQSnet-HS10 Housing

Datasheet

Easy Gas Sensor Solutions
Easy to Use

Overview

Being specially designed to meet all your needs to put the gateways outdoors, AQSnet-HS10 Housing has a decent size that is able to allocate most of the mainstream hotspots, such as BobCat miner 300, RAK hotspot, Cal-Chip, Nebra, Helium hotspot, etc. It is also an optional accessory that is compatible with our other products, offering safer and more reliable user experience.

With multiple types of extended interfaces provided, including 3*N-type female interface for LoRa Antenna, 1*Ethernet connector with cable gland for Ethernet cable, 1*PG9 interface for power supply, and 1*lightning arrestor ground connector reserved on the bottom cover, AQSnet-HS10 Housing helps you easily connect your hotspot with the Ethernet cable, fiberglass antenna, 4G antenna, GPS antenna, solar panel power station, lightning arrestor, etc. IP66 waterproof rate keeps it safe from dust and water when placed outdoors.

Features

- IP66 Waterproof Housing that is suitable for most of the Helium hotspots.
- Simple steps with all accessories needed to upgrade your indoor gateways to the outdoor ones.
- Easy to get wider range coverage of your LoRaWAN application.
- Flexibility to assemble to the wall or a pole with the mounting kit.
- Multiple useful interfaces reserved, including 3*N-type female interface for LoRa Antenna, 1*Ethernet connector with cable gland for Ethernet cable, 1*PG9 interface for power supply, and 1*lightning arrestor ground connector reserved on the bottom cover.

Specification

Material	PC
Waterproof Rate	IP66
Working Ambient Temperature	-40 °C ~ +85 °C
Enclosure Size (connectors excluded)	255 x 275 x 92 mm
Package Size	360 x 320 x 125 mm
Gross Weight	2.2 kg
Port	Holes for N-type antenna cable gland*3, Hole for Ethernet cable gland*1, PG9-hole*1

Attention

- The working temperature of the housing is -40 °C ~ +85 °C, however, users should always keep in mind that it is important to make sure the inner temperature does not exceed the specified working temperature range of each component assembled inside.
- If your placement is in a high-temperature weather area and has a long period of direct sunlight, it is highly suggested to add an additional cover or put the enclosure under the solar panel to prevent overheating damage to the internal device.
- Please note that the housing will not be responsible for the damage to the inside devices due to users' misuse in inappropriate weather conditions and placement.
- When installing the housing, please ensure the panel with holes faces downward to prevent water from entering the holes.
- All cable glands and connectors are not assembled to the housing holes, providing users with more flexibility to choose what to use based on different scenarios. Waterproof silicon plugs are provided for the unused holes.

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