

Wireless HUB Unit

Technical Specification

Technical Specifications

Specification	With AI Bridge	Without AI Bridge
Communication Interfaces	USB Configuration Cable, Wireless RF	TCP/IP, Wireless RF
RF Frequency	433Mhz (Default), 868/915Mhz (Optional)	
Network Protocol	LoRA (Long Range) low-power wide-area network	
Transmission Range	Up to 1Km/3,280ft radius	
Maximum Sensors	Up to 30 sensors	
Alarm Output Options	18 Dry Contacts	18 Dry Contacts, TCP/IP
Camera/External Sensor Alarm Inputs	6 Alarm Inputs	
IP Rating	IP67	
Power Supply	12V (9 to 20VDC) + PoE to AI Bridge	12V (9 to 20VDC)
Operating Temperature	-40°C to 85°C / -40°F to 185°F	
Weight	475g / 1.0lbs	
Dimensions	190mm × 150mm × 55mm / 7.4" × 5.9" × 2.1"	



Overview

The HUB Unit is the central control component of the AIO X sensors. The HUB Unit processes data from the seismic sensor cable and provides integration with external security systems.

Key Features

- Multiple communication interfaces
- Dry contact outputs for external systems
- External sensor/camera alarm inputs
- TCP/IP networking for central monitoring
- Rugged outdoor design (IP67)

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