

# **SPECIFICATION**

## **of**

# **SEN1000i-S**

### **Document information**

Version	V1.0
Release Date	2021-01-01
Released By	Senturian Solutions

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# 1. OVERVIEW

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## 1.1. Overview

Intelligent Sound Detection system – Embedded Type H/W

This is where abnormal sound analytics software is embedded in sound-detecting hardware.

- Collects and transmits the detected sound source and information
- Supports UDP and RS232 communications
- Detection Sound: Screaming(Male/Female), Collision, Explosion and any abnormal sound

### 1) Main Features

- PoE Function  
: For convenient installation, it support POE maximum 15W power with Data Transfer for 10/100/1000Mbps
- Stand-Alone Installation  
: Support RS-232 Serial communication to set by user option
- Protection  
: To support outdoor installation, certified IP-55 level
- Event Notification : RS232, TCP/IP (UDP)

## 2. Specification

### 2.1. Specification

Item	Function	Detail
Hardware	CPU	i.MX6 Quad ARM Cortex A9MPCore, 1GHz
	DRAM	DDR3 1GB 800MHz
	Storage	eMMC 8GB
	LAN	10/100/1000Mbps, RGMII I/F
	USB	OTG – Upgrade
	IN	
		Mic - 2ch Digital
	OUT	
		LED (RED-Power, GREEN-Operation, BLUE - ISD) – Indication
Software	OS	Linux 3.14.12
	Framework	
	Sound	Screaming, Collision, Explosion and any abnormal sound
	Abnormal Result	Server Integration, UDP

Product Specification		
Power	5VDC/802.3af PoE, 3W nominal, 10W max.	
Temperature	– 20~+60°C	
Weight	600g	
Size	145.3mm x 113.5mm x 58mm	
Material	Main Body: PC/Aluminum, Grill: Steel	
Installation	Indoor and outdoor (IP-55)	
Mount	VESA : 50mm x 50mm, 75mm x 75mm	

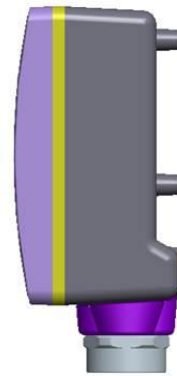
	CTG16 / GW16	
Protection	IP-55	
Certification	MSIP (KCC)	

## 3. Exterior

### 3.1. Appearance



Front



Side



Bottom