Sensaphone Land Line Based Product Comparison

	Sensaphone 400	Sensaphone 800	Sensaphone 1400	Sensaphone 1800	Sensaphone Express II
Inputs	4	8	4	8	8-40
Outputs	1	1	1	1	1-17
Input Type					
Dry Contact	✓	✓	✓	✓	✓
2.8K Thermistor	✓	✓	✓	✓	✓
10K Thermistor			✓	✓	✓
4-20mA			✓	✓	✓
I/0 Expansion					✓
Sound Level Monitoring	Built in microphone	Built in microphone	Microphone required	Microphone required	Microphone required
Remote Programming	✓	✓	✓	✓	✓
Alarm Notifications	4	8	8	8	48
Alarm Delivery					
Voice Phone Call	✓	✓	✓	✓	✓
Communication Requirement	Analog Phone Line	Analog Phone Line	Analog Phone Line	Analog Phone Line	Analog Phone Line
Weatherproof Enclosure	No - Indoor Rated Only	No - Indoor Rated Only	Yes - NEMA4X	Yes - NEMA4X	Yes - NEMA4X
Mounting	Wall or Desktop	Wall or Desktop	Wall	Wall	Wall
Battery Backup	Up to 24 hours Requires 6 'C' batteries	Up to 24 hours Requires 6 'C' batteries	Up to 24 hours with built in rechargeable battery backup	Up to 24 hours with built in rechargeable battery backup	Up to 12 hours with built in rechargeable battery backup
Monthly Fee	No	No	No	No	No

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REMOTE MONITORING SOLUTIONS

Sensaphone Product Comparison Definitions

Inputs: The number of sensors, or inputs, a Sensaphone can accept.

Outputs: An output, also commonly referred to as a relay output, can be used to control a light, siren, or other device. The outputs are Normally Open/ Normally Closed mechanical relays. Outputs can be programmed to operate manually or automatically based on sensor inputs.

Dry Contact: As it relates to Sensaphone products, Dry Contact identifies sensors that operate like switch i.e.: they're either open or closed, the temperature could be high or low, wet or dry, etc. These sensors will only tell the user if there is an alarm, and no more details such as an exact temperature, humidity level, etc.

2.8K Thermistor: These are temperature sensors that will work with nearly all Sensaphone products. Since their temperature sensing range is lower, they're commonly used in refrigerators, freezers, and cold storage applications.

10K Thermistor: Temperature sensors that have a higher sensing range than the 2.8K sensors. These sensors are suggested for warm to hot applications.

4-20mA: This sensor type allows a Sensaphone to connect to any third party sensor that uses a 4-20mA output. This allows users to create a unique linear table for each 4–20mA sensor. The Table Low (4mA) and Table High (20mA) values are used to define the lower and upper range of your 4–20mA sensor. For example, suppose you are using a 4–20mA transducer to measure the depth of water in a 15' well. Simply enter a Table Low value of 0 and a Table High value of 15 and the Sensaphone will scale the Zone to read between 0 and 15.

I/O Expansion: An abbreviation of 'Input/Output Expansion'. This allows users to expand the amount of either sensors or outputs a Sensaphone can control beyond what is standard. This is done by adding additional cards or modules to the initial unit.

Sound Level Monitoring: When a high sound level is detected by the Sensaphone's microphone (optional in some cases)—that meets the programmed recognition time and level—will trip a sound alarm and the unit will dial out.

Remote Programming: This allows users to program their Sensaphone from any touch tone phone.

Alarm Notifications: The number of phone numbers that can be programmed into the Sensaphone to be called during an alarm condition.

Voice Phone Call: All Sensaphone autodialers will make a voice phone call. They allow users to program prerecorded messages to be played over the phone when there is an alarm.

Communication Requirement: All Sensaphone devices need to communicate their alarms and/or data. The autodialers need an analog telephone line.

Weatherproof Enclosure: Most Sensaphones come packaged in a weatherproof enclosure, but some do not. Please make sure to purchase a device that is appropriate for your environment.

Battery Backup: Provides power for the Sensaphone to keep monitoring in the event of a power outage. These units will also alarm when the power goes out.

Monthly Fee: Cost of any reoccurring charges associated with owning the Sensaphone.