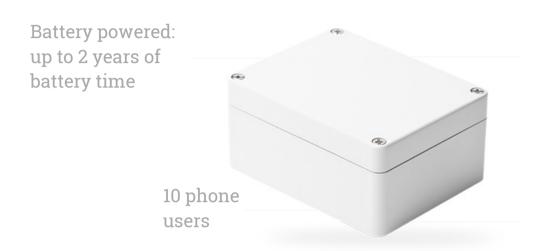




Battery powered GSM intrusion control panel ESIM4

Perfect for those places where power is an issue



Standalone alarm panel with ARM/DISARM function

Supports 8 digital temperature sensors

Certifications



What is ESIM4?

IP65, battery powered standalone GSM intrusion alarm panel. The device is fully autonomous and does not require any additional power sources.



How ESIM4 works?

ESIM4 is a talented sleeper. This is to save power. However, ESIM4 will wake up in the following cases: scheduled event, vibration/motion sensed, state changes, to get your command or new configuration.

Its intelligent power saving techniques extends battery lifetime – it should last approximately 2 years, depending on usage. Also ESIM4 can check inputs, status, feed auxiliary terminal, in case your sensors need power, measure sensor data and will call/text up to 10 users. ESIM4 is able to gather temperature from up to 8 temperature sensors and has microphone connector in case client needs audio confirmation.

Where to use ESIM4?







Solar, wind energy plants



Remote construction sites, garages, containers



Sensor data monitoring at remote areas



Temperature/status monitoring



Standalone stealth alarm solutions

Main features

10 users

2 inputs (4 in ATZ mode) 1 aux terminal (12V, 200mA) Connect Discrete sensors (0..3V)

Arm/Disarm via Touch Memory interface/SMS

2 years of battery time

1 open collector 200mA 30V output

Connect Analog sensors (4..24mA)

Configuration SMS or USB

Specifications

Battery type 1.5 V Lithium AA type batteries

Number of batteries

Current used in Sleep mode

ESIM4 - 900/1800 Mhz; ESIM4 Q -850/900/1800/1900 MHz GSM modem frequency

Number of inputs

Digital input value range Analog input value range >600ms Impulse duration

Number of auxiliary terminals

12V 200mA max Auxiliary output values

Maximum supported number of temperature

sensors

Number of outputs

Output circuit Open collector output. Output is pulled to COM when enabled.

Output current

Supported temperature sensor model

Supported iButton key model

Dimensions **Enclosure rating**

Operating temperature range

Humidity

4

30µAmax

0... 3000mV 0... 24mA

1 R OUT

200mA max

Maxim®/Dallas® DS18S20, DS18B20

Maxim®/Dallas® DS1990A

115×90×56mm (4.53×3.54×2.20in)

IP 65

-20...+50°C (-30...+55°C with limitations (-4... +122°F (-22... +131°F with limitations))

0-90% RH @ 0...+40°C (0-90% RH @ +32...+104°F)

(non-condensing)



