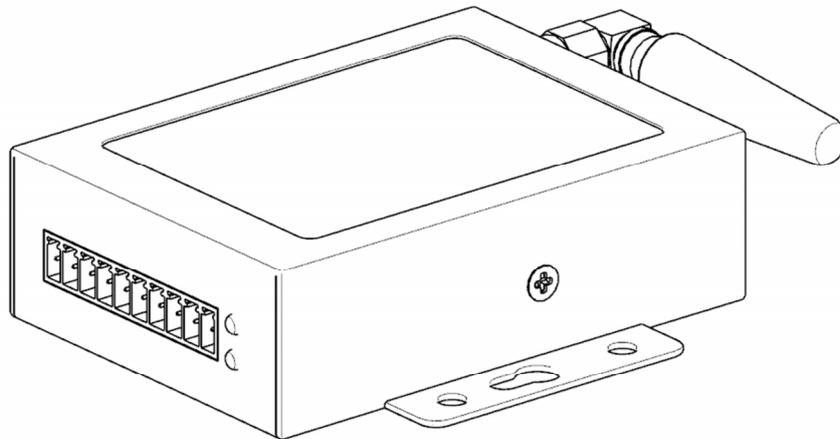


## **TIS SMS Port SMS Controller**

Model: TIS-SMSP-M1

Data Sheet Rev 1.1



### **Safety instructions**

Electrical equipment may only be installed and fitted by electrically skilled persons. Failure to observe the instructions may cause damage to the device and other hazards. These instructions are an integral part of the product, and must remain with the end customer.

### **Basic information**

This device is a product of the TIS system. It is a free locate device with GSM antenna and SIM card Port which can be controlled and communicate by SMS Messages from and to any mobile phone and convert the message to TIS network for controlling or reporting the system, technical knowledge obtained in TIS training courses is a prerequisite to proper understanding how to install device. Advanced Programming knowledge about software obtained in the advanced training courses.

### **Intended use**

Sending SMS to control lighting, saving energy and security, e.g. light on/off, control air condition, and fan control.

Receiving SMS to report any event, e.g. burglary alarm, fire alarm, or emergency help.

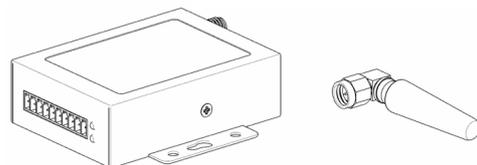
## Product characteristics

<b>GSM</b>	Frequency Band	GSM850MHz/EGSM900MHz/DCS1800MHz/PCS1900MHz
<b>Power and consumption</b>	input voltage Standby consumption On communication Peak consumption	5 -24 V DC <10 mA / 12 V DC <25 mA / 12 V DC <600 mA / 12 V DC
<b>Communication Port</b>	RS485 Protocol	Baud rate: 9600 bps ASCII, HEX, TIS SMS Protocol
<b>Reaction time</b>		approx. 25 ms
<b>Mounting</b>	Free locate	By 2 screws installed anywhere.
<b>Connection terminal</b>	Data	Screw terminal 0.25...2.5mm <sup>2</sup>
<b>Operating and display elements</b>	LED Green ON LED Red flashing LED Green flashing	Signal Ok , module is ready Searching for signal Sending SMS message
<b>Functions for each zone</b>	Digital input Open Digital input close Revers control	20 commands 20 commands 1 command
<b>Weight</b>	Without packaging	0.17 KG
<b>Dimensions</b>	Width x length x height	69mm x 82mm x 25mm
<b>Housing</b>	Materials Casing color	Metal White Gray
<b>Temperature range</b>	Operation Storage Transport	-20...60°C -20...50°C -25...75°C
<b>Air humidity</b>		<85% non-condensing

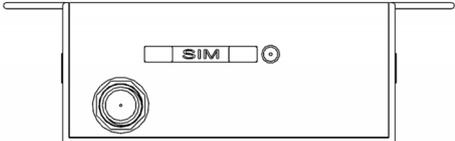
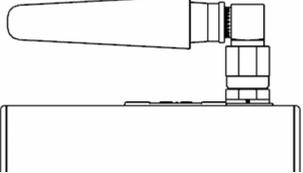
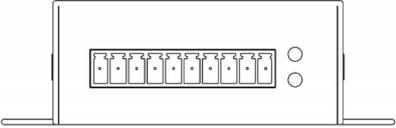
## Device components

The device coming with

- 1- Antenna
- 2- Connector Terminal
- 3- Antenna
- 4- Power supply 220V - 5VDC/2A



## Installation

<p><b>Inserting SIM card</b> First please turn off before installing the SIM card, push the point button nearby, the drawer socket will release, please pull it out. Then take out the drawer socket and put the SIM card into it, at last push the whole drawer socket</p>	
<p><b>Installing antenna</b> Turn off the power before installing the antenna Just install the antenna on its place and tight it. See the picture of installed antenna beside. Try not to touch the antenna while power ON.</p>	
<p><b>Connecting the connecter and Data</b> Just push the connector into its slot, than connect the wires for Power supply on the VCC and GND, connect the RS485 A+ and B- cables to the TIS-232/485/IP (RS485 D+, D-) Or to any 3<sup>rd</sup> party RS485 port.</p>	

## Warranty

We provide a warranty as provided for by law.

Hologram warranty seal and product serial number is provided by each device.

Please send the description of the defect with Product S/N to our dealer network.

[info@tissmarthome.com](mailto:info@tissmarthome.com)

[www.tissmarthome.com](http://www.tissmarthome.com)