UC1X14 Series
SMS Remote I/O
Quick Start Guide
Welcome

Thank you for choosing Ursalink UC1x14 series SMS remote I/O.

This guide describes how to install the UC1x14 series SMS remote I/O. Once you complete the installation, refer to the Ursalink UC1x14 User Manual for instructions on how to perform configurations on the device.

Related Documents

This Start Guide only explains the installation of Ursalink UC1x14 series SMS remote I/O. For more functionality and advanced settings, please refer to the relevant documents as below.

<table>
<thead>
<tr>
<th>Document</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ursalink UC1x14 Datasheet</td>
<td>Datasheet for the Ursalink UC1x14 series SMS remote I/O.</td>
</tr>
<tr>
<td>Ursalink UC1x14 User Guide</td>
<td>Users could refer to the guide for instruction on how to configure all the settings.</td>
</tr>
</tbody>
</table>

The related documents are available on Ursalink website: [http://www.ursalink.com](http://www.ursalink.com).

Declaration of Conformity

Ursalink UC1x14 series SMS remote I/O is in conformity with the essential requirements and other relevant provisions of the CE, FCC, and RoHS.

For assistance, please contact
Ursalink technical support:
Email: support@ursalink.com
Tel: 86-592-5023060
Fax: 86-592-5023065
1. Packing List

Before you begin to install the UC1x14 series SMS remote I/O, please check the package contents to verify that you have received the items below.

1.1 Package Contents

1 × UC1x14 Series Device
1 × Stubby Cellular Antenna
1 × 12-Pin Pluggable Terminal
1 × Warranty Card
Setscrews

Optional Accessories

1 × Power Adapter (Optional)
1 × Magnetic Mount Cellular Antennas (Optional)

If any of the above items is missing or damaged, please contact your Ursalink sales Representative.

2. Hardware Introduction

2.1 Overview

A. Front Panel

1. LED Indicator Area
   - System: System Indicator
   - ACT: Network Indicator
2. Cellular Antenna Connector
3. Micro USB Interface

www.ursalink.com
B. Rear Panel

2.2 Dimensions (mm)

2.3 Pinouts

<table>
<thead>
<tr>
<th>PIN</th>
<th>Power</th>
<th>Digital Input</th>
<th>Relay Output</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GND</td>
<td>---</td>
<td>---</td>
<td>DC power supply (-)</td>
</tr>
<tr>
<td>2</td>
<td>VIN</td>
<td>---</td>
<td>---</td>
<td>DC power supply (+)</td>
</tr>
<tr>
<td>3</td>
<td>---</td>
<td>IN1</td>
<td>---</td>
<td>Input1</td>
</tr>
<tr>
<td>4</td>
<td>---</td>
<td>IN1_COM</td>
<td>---</td>
<td>Common Ground</td>
</tr>
<tr>
<td>5</td>
<td>---</td>
<td>IN2</td>
<td>---</td>
<td>Input2</td>
</tr>
<tr>
<td>6</td>
<td>---</td>
<td>IN2_COM</td>
<td>---</td>
<td>Common Ground2</td>
</tr>
<tr>
<td>7</td>
<td>---</td>
<td>---</td>
<td>OUT1_COM</td>
<td>Common Ground</td>
</tr>
<tr>
<td>8</td>
<td>---</td>
<td>---</td>
<td>OUT1_NC</td>
<td>Normally Closed1</td>
</tr>
<tr>
<td>9</td>
<td>---</td>
<td>---</td>
<td>OUT1_NO</td>
<td>Normally Open1</td>
</tr>
<tr>
<td>10</td>
<td>---</td>
<td>---</td>
<td>OUT2_COM</td>
<td>Common Ground</td>
</tr>
<tr>
<td>11</td>
<td>---</td>
<td>---</td>
<td>OUT2_NC</td>
<td>Normally Closed2</td>
</tr>
<tr>
<td>12</td>
<td>---</td>
<td>---</td>
<td>OUT2_NO</td>
<td>Normally Open2</td>
</tr>
</tbody>
</table>
2.4 LED Indicators

<table>
<thead>
<tr>
<th>LED</th>
<th>Indication</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>System</td>
<td>System Status</td>
<td>Solid On, On for 500ms, off for 500ms</td>
<td>Equipment starts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>On for 100ms, off for 100ms</td>
<td>All OK</td>
</tr>
<tr>
<td>ACT</td>
<td>Network Status</td>
<td>Off, On for 75ms, off for 3000ms</td>
<td>Device can not send SMS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Successfully registered on network</td>
<td>Sending/Receiving SMS</td>
</tr>
</tbody>
</table>

3. Hardware Installation

Environmental Requirements
- Power Input: 5-24 VDC
- Operating Temperature: -40°C to 70°C (-40°F -158°F)
- Relative Humidity: 0% to 95% (non-condensing) at 25°C/77°F

3.1 SIM Card Installation
A. Unscrew the four screws in front panel of the device
B. Takeout mother board from the case.
C. Push-down the SIM card cover and lift the cover
D. Install SIM card and close the sim card cover
3.2 Antenna Installation

Rotate the antenna into the antenna connector accordingly.
The external cellular antenna should be installed vertically always on a site with a good cellular signal.

3.3 Connect the UC1x14 to a Computer
3.4 Mount the UC1x14

Use 2 pcs of flat head Phillips screws to fix the UC1x14 onto the wall mounting.

4. Configure UC1x14

4.1 Configure UC1x14 via Toolbox

Please connect PC USB port to micro USB port of UC1x14 series SMS remote I/O directly, PC Setup the Toolbox.

① Select Serial port and fill in the login password, default “123456”, then click “Save”
② Click “Status” to check status of the Remote I/O

③ Click “General”, network type use Auto and configure the SMS center number of the SIM card
④ Click “ configure the IF&THEN commands.

⑤ Click “ to configure the IF&THEN commands and click “”, check details of the commands in user manual.
6. Click “Save the command to Device” to save the command into UC1x14

7. Click “Read command From Device” to read the commands configured in the UC1x14
⑧ Click “⑧” to configure the SMS control phone center number and SMS report phone number.