DIRECT WiFi CONVERTER

Model : RSW-914

Your purchase of this DIRECT WiFi CONVERTER marks a step forward for you into the field of precision measurement. Although this Meter is a complex and delicate instrument, its durable structure will allow many years of use if proper operating techniques are developed. Please read the following instructions carefully and always keep this manual within easy reach.

OPERATION MANUAL

TABLE OF CONTENTS

1. FEATURES

* You can Lutron meter with RS232 output interface connected to the RSW-923, to transfer data via WiFi to the desired device. However, the use of smart phones or tablet computers developed by the company's free software to do data collection record APP.
* WiFi work mode: Access Point(AP) or Client mode
* I/O terminal:
  1.DC 9V power input
  2.DC 9V power output(power supply for the connecting RS232 meter)
  3.Three RS232 input(photo isolate RS232 type)
* Maximum TCP connections to 20

2. SPECIFICATIONS

Circuit	Custom single-chip microprocessor LSI circuit
Display	LCD Size: 3.2 X 2.4" (60 X 44.4 mm) Dot Matrix backlit LCD (128 X 64 pixels)
Wireless	* Support IEEE 802.11b / g / n wireless standards * Support the range of frequency : 2.412 to 2.484 GHz. * Support two types of wireless networks: Access Point(AP) and Client * Support multiple security authentication mechanisms : 64/128/152 bit WEP encryption, WPA-PSK/ WPA2-PSK、、WPA/WPA2 security mechanism.
Input signal	Three isolated RS232 signal input
Wireless mode setting	* Access Point (AP) Mode * Client Mode
Operating temperature	0 to 50℃ (32 to 122℉).
Operating humidity	Less than 80% R.H..
Power supply	AC to DC adapter 9V.
Power consumption	DC 200 mA approximately.
Weight	170 g/0.375 LB.
Dimension	134 X 80 X 32 (5.3 X 3.1 X 1.3 inch). * Dimension is for the meter without antenna only.
Accessories included	* Instruction manual..... 1PCS * Data interface cable, UPCB-03..... 1PCS * Power interface cable, PWCB-06..... 1PCS * Hanging unit (with sticker)..... 1PCS * AC to DC 9V power adapter..... 1PCS
Optional Accessories	* Full line LUTRON RS232 meters.

3. FRONT PANEL DESCRIPTION

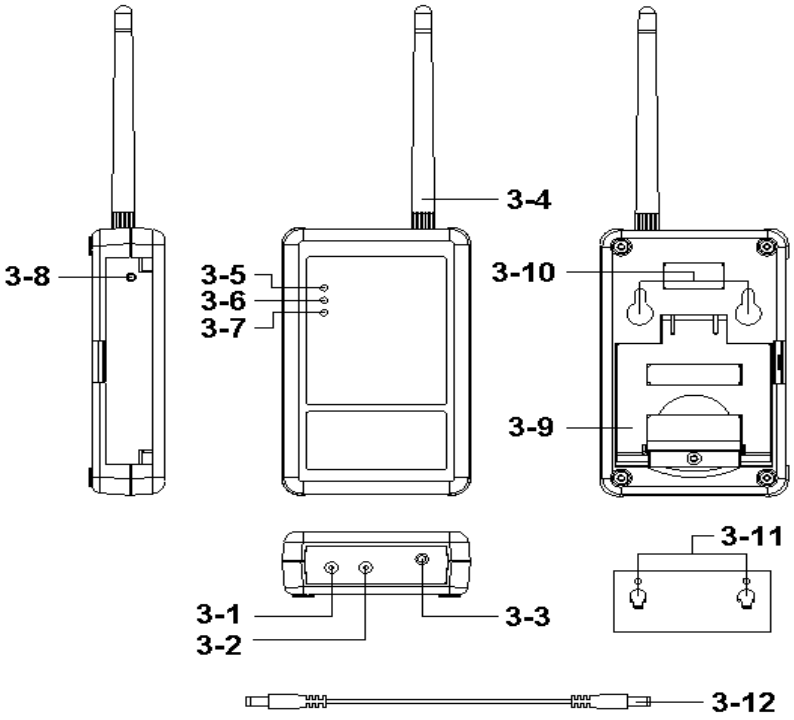


Fig. 1

3-1 DC 9V Power adapter input socket
3-2 DC 9V output socket
3-3 Isolate input socket
3-4 Antenna and antenna socket
3-5 Power indicator
3-6 WiFi link indicator
3-7 RS232 signal indicator
3-8 System reset button
3-9 Stand
3-10 Hanging holes
3-11 Hanging unit (with sticker)
3-12 Power interface cable/plugs

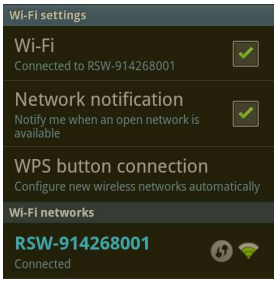
4. MEASURING PROCEDURE

4-1.AP Mode:

1.First, install lutron dedicated APP software

1-1.The use of smart phone iOS system software download Lutron OneMeterApp (SCREEN4-1-1),iOS Password: aZ6210.

1-2.After the download is complete, install it.



1-3.If use of smart phone Andriod system software download ,please use smart phone scan the QR code provided below ,will link to Andriod app download file(.pdf), then Download and install according to the method shown in the file, or directly to the following URL download Lutron MeterApp.

https://tinyurl.com/lutronapp

Andriod Password: Az6210

Android QR Code

2.The RSW-914 boot, you can make a connection after about 30 seconds

2-1.WiFi connectivity indicators

2-1-1.Power & LINK & RX indicator will also light within 5 seconds

2-1-2.LINK & RX indicator, synchronous flashes for about 25 seconds later,when there is no rule of LINK indicator turns blinking, you can connect.

2-2.Start Smart Phone WiFi,make RSW-914 connection (SCREEN4-1-2).

2-3.Open OneMeterApp software (such as SCREEN4-1-3)

2-3-1.In SCREEN4-1-3 select Step1 (Meter1)

2-3-2.Is displayed SCREEN4-1-4, select Step2 tool button then into the SCREEN4-1-5

2-3-3.Enter the relevant information in SCREEN4-1-5

1) Meter name: Meter1 name can be changed to the desired user name

2) CH NO.: In accordance Meter CH NO. To enter

3) Sampling time: minutes as a reference, check after do Logger function (must be set)

4) Save file: Select the Logger path to be stored (must be set)

5)Alarm Beeper: After checking the SCREEN4-1-6 to tie the set , when they meet the conditions have an effect

6)Alarm SMS: After checking the SCREEN4-1-6 to tie the set, when meet the conditions will send SMS

2-3-4.In SCREEN4-1-5 the Save tool button, the value will be set according to Save the storage, and it will return to SCREEN4-1-4 screen when Step3 green and flashing that means the RSW-914 connection

2-3-5. In SCREEN4-1-4 of Step4 (CH1) click on the picture into the SCREEN4-1-6, then do High and Low Set and checked, when you press the Return smart phone screen will return to SCREEN4-1-4 When the measured value have reached the condition CH1-CH3 will show red numbers and have Beeper and send SMS.

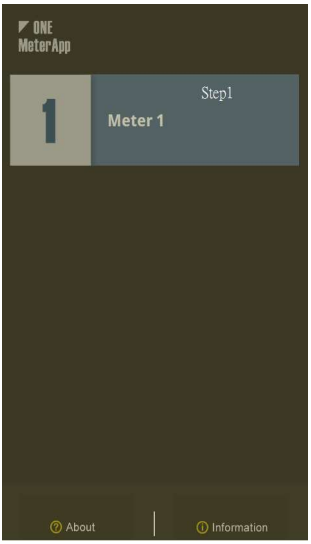
2-3-6.Re-connect: When they find breaking news WiFi is not connected, you can press the function do reconnect action.

2-3-7.Auto Log: Sampling time is set based on the time and checked, do the automatic recording function (such as SCREEN4-1-5).

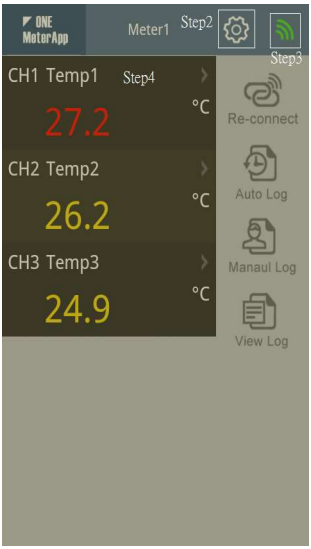
2-3-8.Manaul Log: Each time you press the tool button,then record sum.

* Both formats Auto Log or Manaul Log, archival records are xml

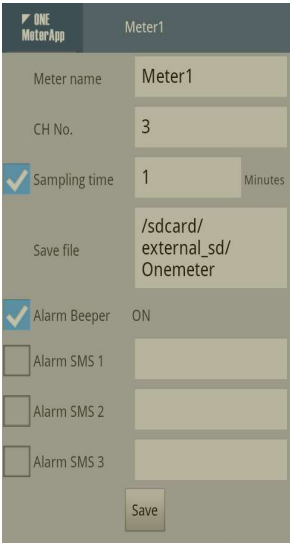
2-3-9.View Log: See the recorded data directly on smart phones (such as SCREEN4-1-7)



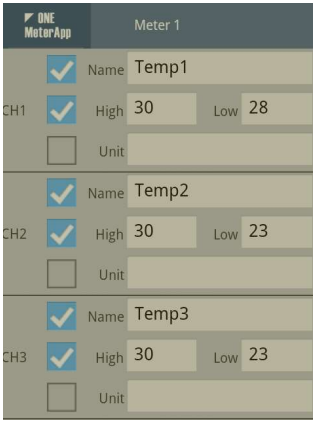
SCREEN4-1-3



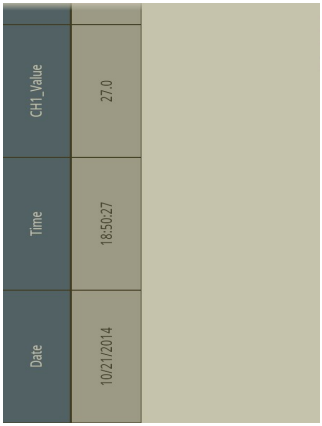
SCREEN4-1-4



SCREEN4-1-5



SCREEN4-1-6



SCREEN4-1-7