



TouchWand™

ACWand

2019 – Version: 04



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General

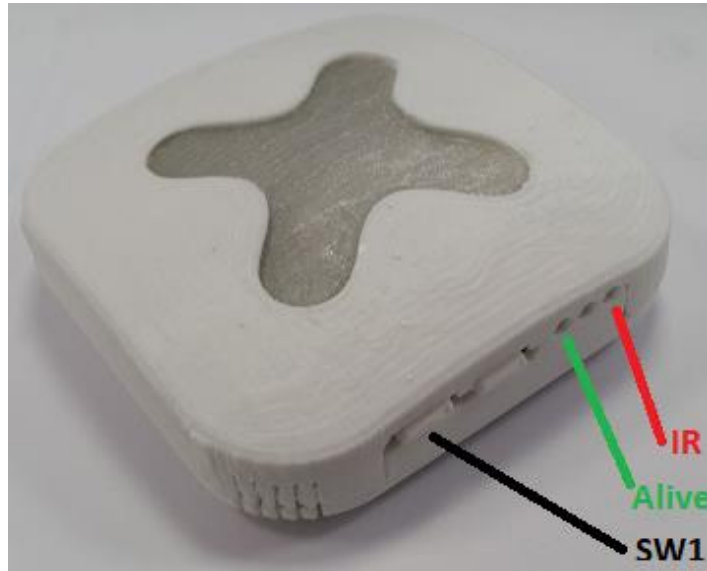
The ACWand is a smart device that controls air conditioning units and monitors and saves energy. This Wi-Fi enabled transceiver is fully compatible with any Wi-Fi network. It is compatible with most of the known air conditioners in the market.

You can use the ACWand to control your AC through the TouchWand app to turn it on/off, change between cool/heat modes, fan modes and control the temperature.

Safety Precautions

- Choose a Suitable Location
- Do not locate the device facing direct sunlight, or in a humid or dusty place.
- Suitable ambient temperature for the module is 0°C-40°C.
- Do not locate the module near any combustible substances or source of heat, e.g. fires, radiators, boiler, etc.

ACWand Installation



1. Press and hold SW1, then connect the power adaptor to the device (while pressing).
2. Hold SW1 until a green LED turns on. It will enter Access Point mode. The Access Point setting are:
 - a. SSID: "RolbitSetAP"
 - b. Password: "rolbit1234"
3. After the connection to AP has been made, open web browser and go to IP: 192.168.4.1



4. Press and hold SW1 and refresh the page at the same time. You will be redirected to the following setup page:

C129IR network setup ver 1.0.18 for Device MAC 84:0D:8E:86:62:74

New network settings

Enter Home router SSID:

Enter Home router Password:

Enter Server Port:

Auto paring mode:

Enter Server IP address:

5. Fill your Home SSID and Password. In Server Port Enter 7433.



6. Check the auto pairing box:

C129IR network setup ver 1.0.18 for Device MAC 84:0D:8E:86:62:74

New network settings

Enter Home router SSID: FEEL_OFFICE

Enter Home router Password:

Enter Server Port: 7433

Auto pairing mode:

Enter Server IP address:

7. In the new box (Server Name), enter your controller name, that can be found in the general settings in Touchwand app.

NOTE: You can only connect the ACWand to a 2.4GHZ Wi-Fi network.

The name of the network should be without spaces.

8. After Filling all the details, press and hold SW1 and click Send.



C129IR network setup ver 1.0.18 for Device MAC 84:0D:8E:86:62:74

New network settings

Enter Home router SSID: FEEL_OFFICE

Enter Home router Password: [REDACTED]

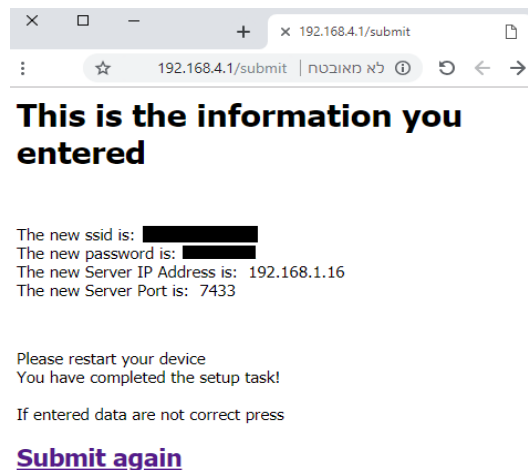
Enter Server Port: 7433

Auto pairing mode:

Enter Server Name: Wonderful-MutasomNew

Send

Note: Be sure to Press and Hold SW1 then click the Send key.



9. Disconnect the Power adaptor from the unit.
10. Wait 10 seconds and plug back the power adaptor.

Note: If there are more units to be configured to the same network, repeat the following steps for a faster configuration:

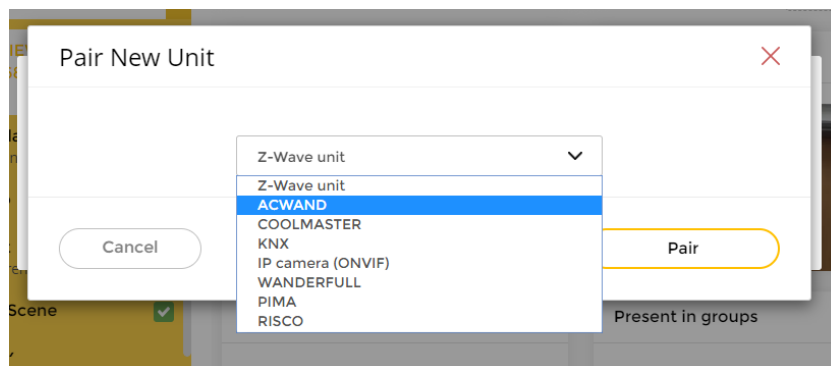
After configuring the first unit in step 6, keep the browser open at 192.168.4.1/submit

1. Repeat steps 1, 2.
2. Press and hold SW1 and refresh the browser page at 192.168.4.1/submit
3. Repeat step 7.

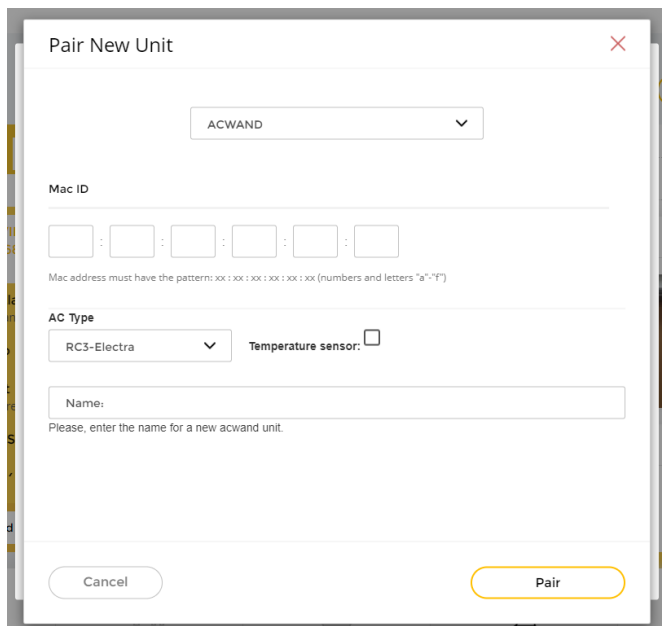
How to add ACWand units to Wanderfull controller

The ACWand uses Wi-Fi connection to connect and pair with the Wanderfull controller. To pair the unit with the system, follow these steps:

1. When logged in with a TECH user to the TouchWand app, go to **Settings → ACWand**.
2. Check 'Enable connection'.
3. Fill the following details:
 - Listen on IP: 0.0.0.0
 - Port: 7433
 - Max connections should be the number of units to be installed.
4. Press 'Save' button.
5. Go to **Units** page → press **Add Unit**.
6. Select 'ACWAND'.



7. Enter MAC address (run IP scanning tool in your computer).
8. Select Temperature sensor.
9. Select AC type.
10. Enter AC name.
11. Press 'Pair' button and 'Done'.





Specifications & Part Numbers

Temperature measurements range	10°C to 30°C
Power supply	48g
Operating temperature	5°C to 40°C
Accuracy	3% + 0.5°C
Enclosure rating	IP20 for indoor
Certification	CE
Wireless range	100 Ft
Frequency	2.4GHZ
Wi-Fi security	Connection to the network is open. Data in the controller and the cloud is secured.
Wi-Fi security programming	Configuration via Wi-Fi
Network settings	Landing page
Indication	Activity indicate using LED lights
Warranty	2 years



List of Air conditions supported by ACWand

A/C manufacturer	MODEL	Electra	Tadiran / Amcor	Tornado	Family line
AUX	YKR-F015E YKR-K/002E	V		V	V
MIDEA	RG06C BGEF R51K BGE RG36F BGEF	V		V	
HISENSE	DG11J104 DG11J101			V	
TADIRAN HISENSE	RCH28NE		V		
CHIGO	ZHEZ-01 ZH TT-04			V	
TADIRAN	TAC 290		V		
GREE	YB1FA YACIFBI YT1F YX1F		V		
ELECTRA	RC3 RC4 RC7	V			

Specifications are subject to change and improvement without notice.

The manufacturer TouchWand Ltd. declares under our sole responsibility that the product:

Marketing model: TouchWand ACWand

Trade/Brand name: ACWand™

Changes or modifications not expressly approved by TouchWand Ltd. for compliance could void the user's authority to operate the equipment.