



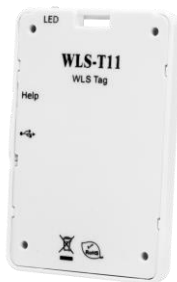
WLS-T11

Quick Start

v1.0, November 2017

What's in the box?

In addition to this guide, the package includes the following items:



WLS-T11



Badge holder



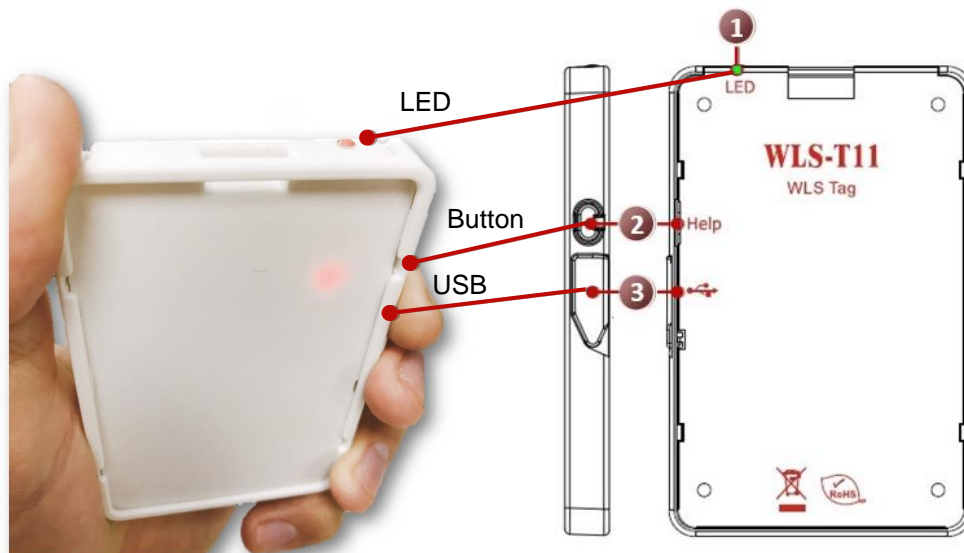
Badge clip

Technical Support

- **WLS-T11 User Manual :**
 - http://ftp.icpdas.com.tw/pub/cd/usbcd/napdos/wls_series/manual/
- **WLS-T11 Official Website :**
 - <http://m2m.icpdas.com/WLS-T11.html>

1 Preparing the Device

Press and hold the "Help" button for 3 seconds to wake up the WLS-T11, as shown in below figure, and confirm that the red LED is ON for one second. If the red LED is ON for one second, it means the module is running; Otherwise, it means the module is not running.



2 Mode, Button function and LED description

WLS-T11 has "Running mode" and "Setting mode" as follows:

1. Running mode: This mode is used to transmit location package every 3 seconds. In this mode, the user can press the button to send an help package or enter the setting mode. When the pre-job(section 2) is completed, WLS-T11 will default to the "Running Mode".
2. Setting mode: This mode is used to transmit Node ID forcefully, and set the RF Power and RF Channel. If the user does not press any button for 8 seconds, the module will automatically save and directly enable the setting value, and leave the "Setting Mode".

Please refer to Table 1 and Table 2 to change above mode:

Table 1. Running mode description

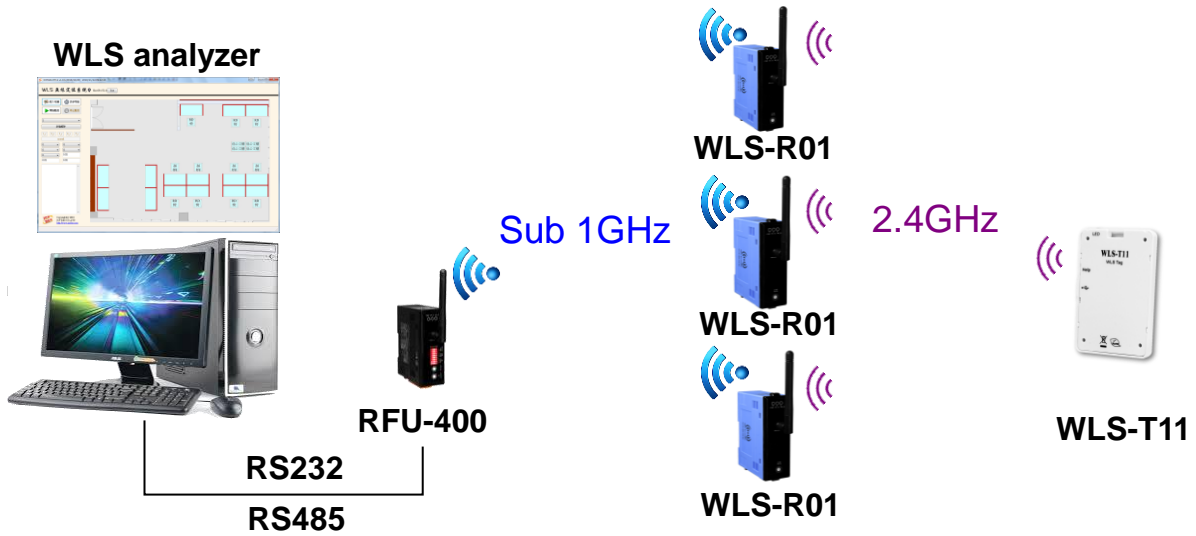
Running mode (default)				
Item	Button	USB Port	LED status	Description
1	Help	-	Red LED blink once, and then red LED steady lit 1 second after 0.6 second.	Pressing the button for 0.6 second will transmit "Help" package.
2	Help	Charged	Red LED blink every 0.5 second, and it change to red LED blink after 3 second. The setting mode is entered.	Pressing the button for 3 seconds will enter setting mode.
3	-	-	Red LED blink every 3 second.	Battery is low power.
4	-	Charged	<100%, Red LED ON 100%, Red LED OFF	If the battery is charged, no packet is transmitted.

Table 2. Setting mode description

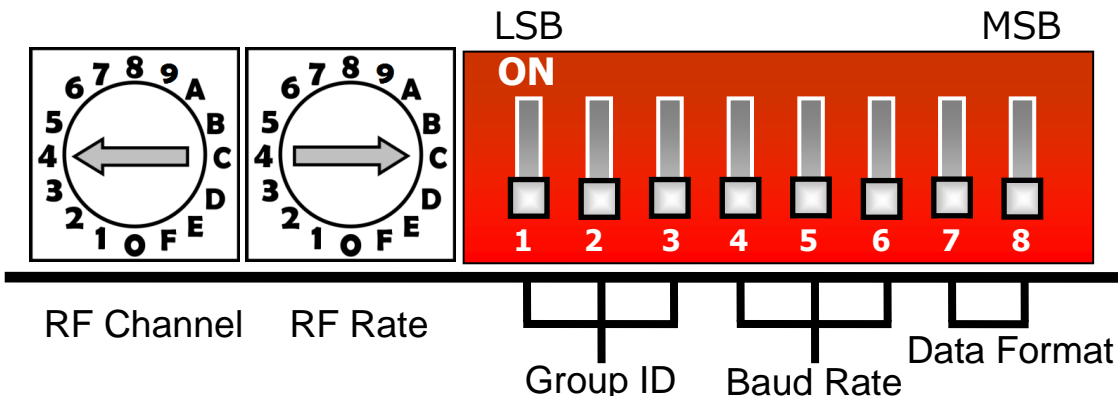
Setting mode				
Item	Button	USB Port	LED status	Description
1	-	Charged	Red LED blink every 0.2 second.	Automatically transmit Node ID of module.

3 Startup to use

Wireless Location System (WLS) includes the modules that RFU-400, WLS-T11, WLS-R01 and WLS software.



1. RFU-400 :



2. WLS-T11 : The default value about RF channel is 4, RF power is F.

3. WLS-R01 :

