

BLE LED Display User Manual

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1. Care and Maintenance

- A. If BLE LED Display is used outdoor, please take actions to prevent it from rain.
- B. Frequent Field Problems
 - If power is connected and the display is not on, please check fuse and power supply.
 - If display shows 000000 to 9999999 in cycles, the display does not receive signal from the bluetooth crane scale / counter scale / indicator. Please check the wireless connection between LED display and bluetooth crane scale / counter scale / indicator.

2. Features

BLE LED Display can be used to display weight reading from all kind of EXCELL's bluetooth crane scales, counter scales and indicators.

- It is very reliable, and easy to install and use microcontroller to control high brightness LED segments.
- Through the BLE modules within the display can wireless displays the weight reading of the selected crane scale / counter scale / indicator.
- Multiple BLE LED displays can show the weight reading from the same scale through BLE broadcasting.
- The wireless operation range is up to 70M.
- It can be read easily indoor or outdoor, day or night, and in all kind of environment.

6 digits BLE LED Display	Digit height (mm)	Dimensions (mm)		
	200	900*320*78		
	130	670*270*58		
	82	430*180*50		
Power supply: 100 V ~ 240 V				
Operating temperature: -10°C ~ +40°C				
lluminance: 0 ~ 10000 lx				
Humidity: < 90% RH				

3. Specification

4. Installation

Connecting BLE LED Display and EX1002Z R0 S1 board

BLE LED Display		EX1002Z R0 S1 board
2 nd PIN RXD in U1(MCU)	\rightarrow	4 th PIN TXD in J1
1 st PIN GND in CN1	\rightarrow	2 nd PIN GND in J1
5 th PIN +5V in CN1		1 st PIN VDD in J1

BLE LED Display can easily hang on all kind of fixtures.

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5. Operation

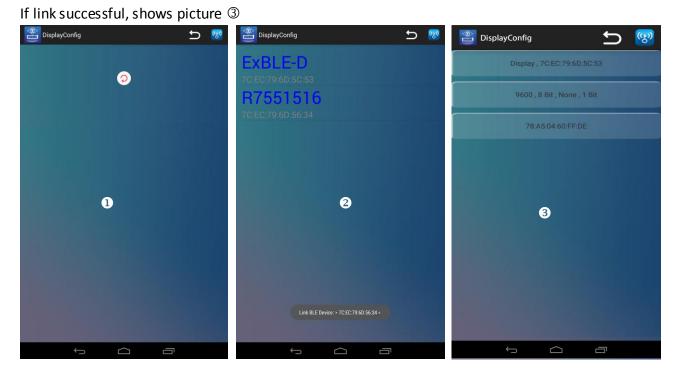
A. Preparation

- Bluetooth crane scales, counter scales or indicators with ExBLE-RS1 or ExBLE-RS2 card
- Setting format as Excell's continuous transmission format
- Connect to power and the display (model Uer0.02) will go to self-test mode and show 000000 to 999999 in cycles.
- ④ Setting APP: Login in "Google play" → search "Excell Precision" → select "DisplayConfig" → Download

B. Link of APP and BLE LED Display

Run the APP and it will scan BLE LED Display nearby. If the device does not appear, please press the screen and then move downward to update the device list ①.

Select the desired device (device's MAC address appears and shows link successful or not @.



C. Function Setting



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