

# CIU EV900



## 1. LCD Display

Icon	Description
88888888	Data display field
8.8.8.8	OBIS display field
m <sup>3</sup>	Unit display field
	Communicating
<b>Credit</b>	Emergency overdraft
	Low voltage of battery
	Valve open
	Valve closed
	Top up succeed
	Top up failed
	Alarm
	Balance is enough
	Balance is lower than 1 <sup>st</sup> grade alarm
	Balance is lower than 2 <sup>nd</sup> grade alarm
	No balance

## 2. Credit status

Status Indicator	Description	Values(programmable)
Green led lighting	Sufficient credit	Balance credit is more than 30m <sup>3</sup>
Red led lighting	Low credit warning Alarm level 1	Balance credit is less than 30m <sup>3</sup> but more than 15m <sup>3</sup>
Red led flashing	Low credit warning Alarm level 2	Balance credit is less than 15 m <sup>3</sup>
Audible alarm	Low credit warning Alarm level 3	Balance credit is less than 5 m <sup>3</sup>

## 3. CIU and Meter Pairing

Input the meter number, press enter, successfully paired:



- Failed



## 4. Communication

Keying in TOKEN or short code and CIU EV900 communicates with meter.

- If communication is successful, the display is shown below and continued with correct information.



- If the communication is failed, the display is shown below



**Remark:** the successful communication times between meter and CIU is 10 per day. Exceeding the limitation, communication will be rejected by CIU. The number shown on the upper left corner of LCD is the times left on that day. For example. 05 means there is still 5 times communication chance left today.

## 5. Charge meter

- User finds the credit balance indicator alarms with low balance credit;
- User goes to POS(point of sale) to buy a voucher;
- The voucher contains a 20-digits TOKEN. For example: "6418 8786 2991 6780 9510". Enter the TOKEN via keypad on CIU;
- On successful entry of the TOKEN, the LCD display will immediately display the water amount. An "SS" shown in the top left hand corner, indicates successful entry, as follows.



● If the TOKEN is not correctly entered, the reject reason will be shown on the display.

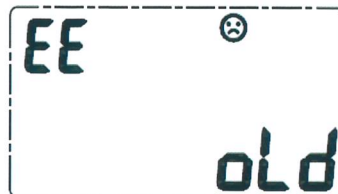
➤ The 20-digits TOKEN parse error, as follows.



➤ The 20-digits TOKEN has been used to credit meter before, as follows.



➤ The 20-digits TOKEN is overdue, as follows.



## 6. Short codes

By entering 3 digital codes, user can access information present in the meter. The table below displays the code and related description.

Short code	Description	Short code	Description
600	Total water consumption		
601	Meter balance	612	Cancel alarm
602	Current date	614	Total recharge water amount
603	Current time	617	Last recharge amount
604	Meter number	650	Meter battery voltage
		654	Valve status

**Ningbo ZLINK Technology Co., Ltd**

**Add: 1 Songcui Road, Dongqianhu Tourist Holiday Resort, Ningbo, Zhejiang, China**

**Website: <http://www.zlinkmeter.com>**

Delink code (keypad & meter)  
 ↳ 18075773902

● Cancel audible alarm with short code 612 successfully.