



ALPHA METERING

PTY (LTD) • UTILITY MANAGEMENT

User Manual of Hexing Prepaid Water Meter

CIU EV900



1. LCD Display

Icon	Description
88888888	Data display field
8888	OBIS display field
m³	Unit display field
Communicating icon	Communicating
Credit	Emergency overdraft
Battery icon	Low voltage of battery
Valve open icon	Valve open
Valve closed icon	Valve closed
Happy face icon	Top up succeed
Sad face icon	Top up failed
Warning triangle icon	Alarm
Full bar icon	Balance is enough
Partial bar icon	Balance is lower than 1 st grade alarm
Partial bar icon	Balance is lower than 2 nd grade alarm
Empty bar icon	No balance

2. Credit status

Status Indicator	Description	Values(programmable)
Green led lighting	Sufficient credit	Balance credit is more than 30m³
Red led lighting	Low credit warning Alarm level 1	Balance credit is less than 30m³ but more than 15m³
Red led flashing	Low credit warning Alarm level 2	Balance credit is less than 15 m³
Audible alarm	Low credit warning Alarm level 3	Balance credit is less than 5 m³

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. Excessing 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.



Short Code	
600	Total Water Consumed
601	Meter Balance
602	Current Date
603	Current Time
604	Meter Number
612	Cancel Alarm
614	Total Recharge water amount
617	Last Recharge amount
650	Meter Battery Voltage
654	Valve Status

