

CUSTOMER INTERFACE UNIT (CIU) AND INFRARED KEYPAD

Customers have the option of two products to use in order to perform the meter recharge and data query functions. These products work across the entire Touchstone meter range.

CUSTOMER INTERFACE UNIT

Model numbers TSM-LCIU01

- AC Power and Dry Battery Power (4pcs AAA) Solution optional
- Touchable Keypad for Token input
- LoRa RF Wireless Com. & Infrared communications Integrated in ONE (1)
- Firmware Upgrade Port reserved



Description	Technical Parameters
Material	ABS for Main Case and PET for Nameplate
Dimension	8cm (Width) * 14cm (Length) * 3cm (Height)
Weight	200g

POWER SUPPLY

Power Supply	AC Power with Adapter (Voltage 5V, Current >500mA) • Dry Battery (4pcs AAA Dry Battery)
Battery	In field replaceable AAA

COMMUNICATION MODULE

Communication Method	LoRa RF Wireless Communication • Infrared Communication
Working Distance	100-200m by LoRa RF Wireless Com. • 5m by Infrared Com.
Communication Protocol	IEC62055-41,51

WORKING ENVIRONMENT

Working Temperature	0°C - 50°C
Working Humidity	10% - 90%

USER INTERFACE

LCD	Dot Matrix LCD with Backlight for displaying
Buzzer	Beep for indication & Alarm
LED	LED for indication of LoRa RF Wireless Com. Status