**ACCESSORIES**

# HD21

## Customer Interface Unit

HD21 is a customer interface unit designed for simplicity and user-friendliness. Shaped in a mobile phone form factor, it gives user the familiarity of a 3 x 4 keypad that is smooth to the touch and ease of one hand operation. HD21 is equipped with comprehensive functions like topping up credits via STS, reading household's instantaneous energy consumption, identifying alarm indicators on LCD, buzzer on low credit and many more.

## Key Features

**STS COMPLIANT**

**MULTIPLE ALARM INDICATOR**

**DISPLAY VARIANCE**

**AUTO RECONNECT**

# HD21

## Customer Interface Unit

61mm (W)
121mm (H)
18mm (D)

Weight: 76g (without battery)

## Supported Meter Types
- Mk32
- Mk7MDC
- Mk10M*

## Communications
- Radio Frequency
  Open air communication distance <100m
  Frequency Bands: 433MHz
  Transmit Power: 20 dBm
- Voltage & Power Supply Type
  3V DC (2xAAA non-rechargeable batteries) or 5V DC (Micro USB connector)

## Physical Display
- 7 characters of seven-segment display with backlight
- 8mm x 3mm

## Display
- Dimensions of 45.7mm x 17mm
- LCD Viewing angle: +/-30 degree (Left-Right) +10/-20 degree (up-down)
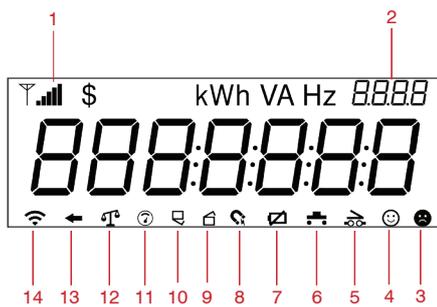- LED Indicators: 3 x LEDs

## Alarm
- Buzzer

## Keypad
- Silicone keypad

## Environmental
- Specified operating range:
  -10˚C to +60˚C
- Operating limit range:
  - 25˚C to +65˚C
- Storage range limit:
  -25˚C to +70˚C
- Relative humidity:
  Up to 95% non-condensing
- Ingress protection: IP54

## LCD Display

| 1 | Signal Strength | 8 | Magnetic Detection |
|---|---|---|---|
| 2 | Page Indicator | 9 | Meter Lid Cover Tamper |
| 3 | Low Credit | 10 | Meter Terminal Cover Tamper |
| 4 | Credit OK | 11 | Overload |
| 5 | Meter Relay Status | 12 | Unbalanced Load |
| 6 | Meter Program Key Indicator | 13 | Reverse Power |
| 7 | CIU Battery Indicator | 14 | CIU Connection Status |

*Under Development*

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