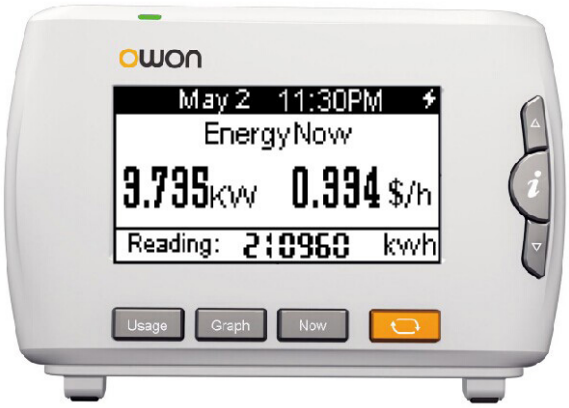
Products
– In-Home Display

IHD701 ZigBee 3" In-Home Display









Hardware and Firmware Highlights

- ZigBee SEP1.1 compliant
- Smart meter interoperability
- Powerful CPU for complicated calculation
- Mass storage capacity for historic data
- Dot matrix LCD screen for flexible UI application
- Sleep or Power Saving mode
- Backup Li-ion battery

IHD Features

- Real-time energy tracking both in data and graph
- Dynamic pricing information
- Accumulative energy usage tracking
- Historic data and graph display
- User-defined alerts for energy usage threshold
- Utility message and notification display
- Desktop calendar with date and time display
- Temperature and humidity display

Main Specifications

MCU	• ARM Cortex-M3
Data Storage Capacity	• TF Card: 8G
Wireless Connectivity	• ZigBee 2.4GHz IEEE 802.15.4
RF Characteristics	• Operating frequency: 2.4GHz • Internal PCB Antenna • Range outdoor/indoor: 100m/30m
Smart Meter Interoperability	• SEP1.1, SMETS • Trilliant, Silver Spring, Itron, Siemens
Data Interfaces	• Micro USB port
LCD Screen	• 3" Dot Matrix LCD • 128 x 64 pixels
Built-in Li-ion Battery	• 500 mAh (up to 4 hours)
Power Supply	• Power adapter input: AC 100 ~ 240V • Power adapter output: DC 5V • Rated power consumption: 1W
Dimensions	• 120(W) x 22(L) x 76 (H) mm
Weight	• 186 g
Mounting Type	• Desktop