

# SWIFT™ Information Terminal



ZigBee®



POWERED BY  
CHUMBY  
INDUSTRIES

- **8" Color Touch Screen**
- **ZigBee (SEP 1.x)**
- **WiFi (SEP 2.0)**
- **1000+ Apps (Chumby)**
- **Cloud Connected**

The **SWIFT™** Smart Energy Wireless Information Terminal is a full-featured, graphical in-home display that shows home energy use on an 8-inch color touch screen. It gets real-time energy consumption data directly from the smart meter via ZigBee® wireless.

The **SWIFT™** is also equipped with WiFi wireless capability, and can act as a gateway to the internet, allowing energy data to be streamed to cloud services and mobile devices.

The **SWIFT™** uses the chumby software content platform as its operating system. This provides access to over 1,000 apps, such as photo sharing, social media, and many of the most popular internet services. The **SWIFT™** comes with the *EnergyVUE™* app that shows homeowners their energy consumption information in real-time.



## Technical Specifications

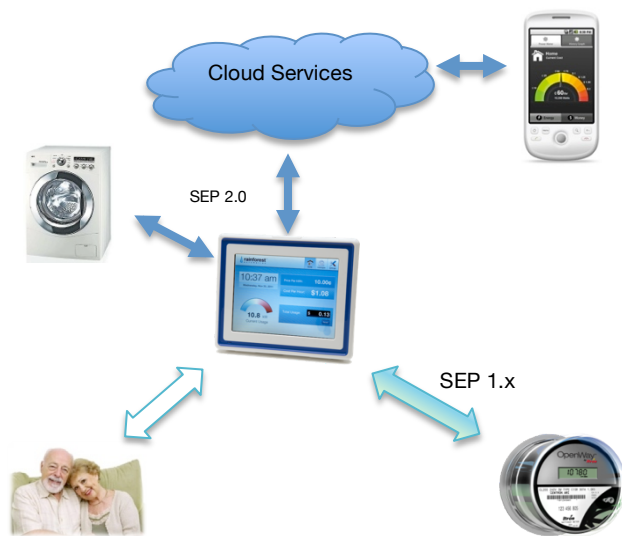
ZigBee Requirements	ZigBee Smart Energy 1.x meter
WiFi Requirements	WiFi router with broadband internet connection
Wireless (ZigBee via RAVEn)	IEEE 802.15.4 MAC, 2.4GHz ISM Band Integrated Antenna Receiver sensitivity: -99dBm, Transmit Power: +20dBm ZigBee® Smart Energy Profile 1.0
Wireless (WiFi)	IEEE 802.11 b/g, 2.4GHz ISM Band Integrated Antenna
Wireless Range	Up to 50m (150ft) (highly dependent on usage environment)
Upgrade Path	Application updates pushed automatically via chumby cloud
Display	8" Color TFT, resistive touchscreen, 800x600 pixels
Audio	Stereo speakers, headphone jack, integrated microphone



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# SWIFT™ Information Terminal



Users can see their energy use when they are away from home, and get alerts based on their real-time energy usage. With the optional gateway software, the **SWIFT™** can send real-time energy usage via WiFi and the internet to a cloud service. These services analyze the usage data, and generate reports and alerts, and can even stream real-time data directly to a mobile device.

The **SWIFT™** gateway function provides conversion to SEP (Smart Energy Profile) 2.0. This is the new standard protocol specified by NIST (National Institute of Standards and Technology) for communication between HAN (Home Area Network) devices, such as smart appliances.

The **SWIFT™** uses our popular **RAVEN™** USB adapter to communicate directly with smart meters that have been equipped with ZigBee® Smart Energy wireless capability. The ZigBee® Smart Energy Certified **RAVEN™** is included with every **SWIFT™** and simply plugs into the USB port on the back of the unit.



## Physical Specifications

Operating Temperature	0°C to 50°C (indoor use only)
Storage Temperature	-10°C to 60°C
Dimensions	220mm x 178mm x 107 mm
Weight	680g
Warranty	One year

## Ordering Info

RFA-B116 **SWIFT™** Information Display + **RAVEN™** USB Adapter Bundle



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