

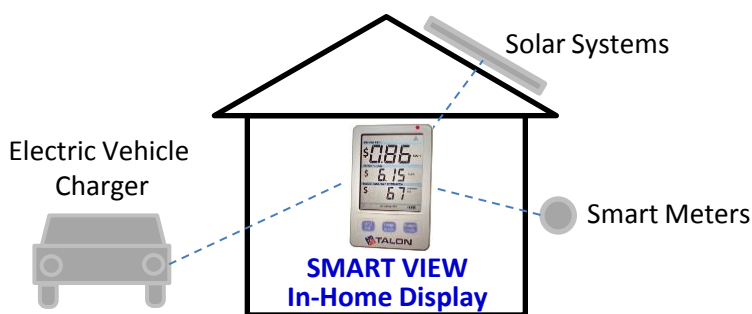
“SMART VIEW” by Talon Communications

Very Low Cost Wireless
In-Home Display – Consumer Product

SMART VIEW - In-Home Display Applications

SMART VIEW - Easy to use In-Home Display

The SMART VIEW wireless In-Home Display (IHD) is designed to enable consumers to clearly understand and benefit from the value of wireless Smart Meters. SMART VIEW’s ease of operation provides readily understood energy usage and Critical Peak Price information. Smart Energy (SE) product manufacturer’s can provide SMART VIEW to consumers as a simple, low cost method for displaying essential energy cost information. SMART VIEW communicates with wireless Smart Energy equipment, such as electric meters, using a “consumer-friendly” user interface. SMART VIEW features an ultra low power segmented LCD technology which greatly reduces cost while providing a “technology friendly” product that is easy to deploy and support.



SMART VIEW - Wireless information where you want it

Because SMART VIEW is wireless, consumers can place their IHD where they want it, including high visibility locations like the refrigerator door, laundry room, or thermostat. The display is always on and readily visible. A Critical Peak Price alert is provided by a blinking red LED, meeting Public Utility Commission requirements.

SMART VIEW - Complements smart phone apps and web portals

The key to a widely deployable IHD is simplicity and low cost. Typically there are a few data items you *always* want to display. SMART VIEW’s wireless communications provides these data items without requiring Internet access or a costly cellular service plan.

SMART VIEW - Low cost wireless development platform

Either as a consumer ready product or for tailored development, the SMART VIEW platform was designed to provide easy installation, simple operation and, above all, low manufacturing cost. These factors, plus low NRE costs, will help you justify developing a dedicated information display, even for low volume applications, based on the SMART VIEW platform.



SMART VIEW - Features

Wireless

- 2.4 GHz or any ISM band radio
- ZigBee™ SE and HA Profiles, ANT+ or proprietary protocol stack
- 100'+ interior range with included PA
- High level API's for easy system integration

Display

- Segmented LCD with up to 112 addressable segments and icons
- Display area: 65 x 52 mm (3.28" diagonal)

Alerts

- Blinking LCD segments
- Blinking LED's for critical events
- Audible alarms for critical events (option)

Power

- Runs on 2 user replaceable AAA batteries
- Over one year of battery life

Industrial Design

- Low cost, two piece ABS plastic body
- Magnetic, Velcro, or table top mounting
- Dimensions 108 x 72 x 13 (mm)

For SMART VIEW information please contact
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Email: '

Direct: ()

"SMART VIEW" by Talon Communications

Very Low Cost Wireless
In-Home Display – Development Platform

SMART VIEW – Development Platform

SMART VIEW Platform sharing reduces design cost and development time

Talon's proven SMART VIEW IHD can easily be configured for specific applications. Platform sharing means you start off with a tested wireless display platform. The customization effort focuses on:

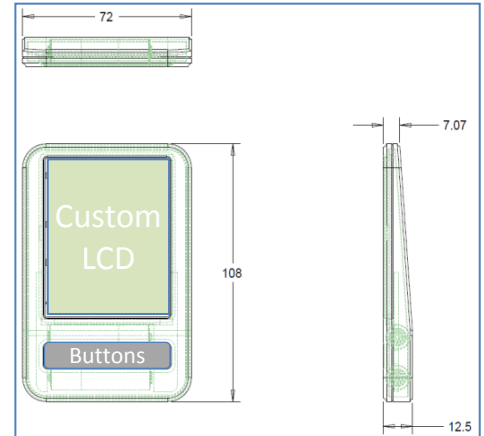
- Coordinating wireless communications and messaging with your equipment
- Defining LCD, LED, and user controls
- Customizable look and feel items (colors, logos, branding,)

SMART VIEW working prototypes in 12-16 weeks

Platform sharing greatly reduces development time. Fully functional prototypes are typically delivered in under 16 weeks.

SMART VIEW Platform Design Options

Talon can easily modify or extend the SMART VIEW display platform for meeting the most demanding of customer requirements. We can change radios, displays, user interface controls or physical packaging, based on your unique needs.



Business model

The SMART VIEW Development Platform is the starting point for developing a turn-key display product. Starting a development project with a fully certified FCC and ZigBee platform greatly reduces risk, cost, and Time-To-Market. The markets or customers that the SMART VIEW Display could be used for include:

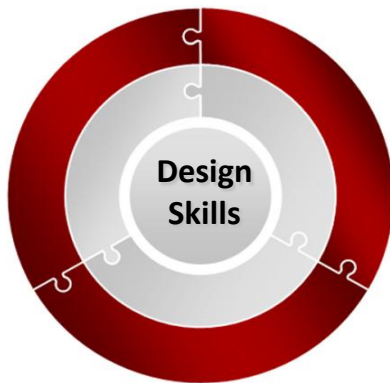
- Smart Energy In-Home Displays
- Home Automation
- Medical Information
- Electric Vehicles
- Solar Energy Generation

About Talon Communications

Talon Communications is a San Diego, CA based product development firm specializing in low power radio systems for the smart energy, consumer electronics, and medical markets. We are experts at designing battery powered products using ZigBee™, IEEE 802.15.4, ANT+, Bluetooth, Bluetooth Low Energy (BLE) and proprietary protocols.

Low Power Wireless

- ZigBee™
- IEEE 802.15.4
- Bluetooth
- BLE/ANT+
- Proprietary Stacks



World Class Engineering Services

- PCB Design
- RF Design
- Antenna Design

Embedded Design

- Ultra-low power 8-32 bit microcontrollers

Ultra-low Power Designs

- Design systems around coin cell batteries
- Optimize system for low power consumption

Talon makes micro-amps count!



Talon Communications

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