

Skitter BOX

The set-top box that won't box you in



A low-cost hybrid set-top box that delivers live television, over-the-top (OTT) Web video, digital audio and more in stunning high definition and standard definition.

INTRODUCING THE HYBRID IPTV + OTT/WEB VIDEO SD + HD SET-TOP BOX



The Skitter Box™ is a new kind of set-top box for a new kind of entertainment service delivery . It's a low-cost, high-quality hybrid set-top box that delivers live television, over-the-top (OTT) Web video, digital audio and, coming soon, support for user-generated content and TV apps from the Skitter.TV converged media delivery platform.

OFFERING TRUE MEDIA CONVERGENCE

Skitter.TV is an end-to-end multimedia delivery platform specifically designed for Tier 2 and Tier 3 telco's. It's a complete rethinking of traditional IPTV that converges live TV with over-the top (OTT) video, local programming and user-generated content. Skitter.TV deploys quickly, fits into the capital budget of most telecom service providers, and holds the promise to generate new revenue virtually from day one.

Skitter.TV offers the latest advanced TV features that consumers want, including the ability to enjoy Web video on a TV screen with the Skitter Box, support for experience-enriching TV apps and more.

Skitter.TV is a converged entertainment services delivery platform that:

- + Offers advances in HD and SD video streaming that allow you to serve more customers on less bandwidth.
- + Works on existing DSL networks, as well as supporting fiber and wireless deployments. Most telco's can cover 60 to 80 percent or more of their service area via existing copper — no new build-out required.
- + Creates new revenue opportunities through local programming and advertising insertion capabilities.
- + In addition to the Skitter Box, Skitter.TV supports multiple vendors' set-top boxes and gaming consoles, freeing you from getting locked into a single vendor's device while offering the consumer freedom of choice.

We've squeezed all the cost and complexity out of the box, offering a set-top solution for the Skitter.TV platform that won't break the bank or burden your staff with installation or support. At a suggested retail price of only \$99, service providers can afford to be creative with TV services packages and promotions. Sell the Skitter Box to customers for a small profit, offer it at no charge as an incentive for customer contract commitments, or finance it for them. With a set-top box this affordable, you can deploy entertainment services with less risk and more potential ROI. All without sacrificing the advanced features that can offer you a real advantage over satellite or CATV competitors.

THE SERVICE PROVIDER'S PERSPECTIVE



The Skitter Box:

- + Supports HD or SD video in one box, simplifying the Skitter.TV infrastructure while reducing inventory and service installation complexity.
- + Supports both wired and wireless home networks with dual connectivity via Ethernet or 802.11 b/g/n wireless routers.
- + Self-updating embedded Media Player software reduces customer service and maintenance requirements while enhancing quality of service.
- + Built-in troubleshooting capabilities to allow remote access, reducing or eliminating the time and expense of in-home diagnostics.
- + Includes built-in security key decoding.
- + Reduces capital expenditures when compared to other IP video set-tops, accelerating ROI.

Skitter BOX

IT WORKS RIGHT OUT OF THE BOX

While many IPTV systems require complex, time-consuming and expensive in-home installation, the Skitter Box works, well, right out of the box. In most cases, your customers can install the Skitter Box and activate their Skitter.TV service by themselves. Customers simply connect the box to a wired or wireless network, enter an activation number and PIN that you provide. Your customers will be enjoying converged entertainment on the TV in a matter of minutes.

Advanced features and high-quality video rendering? It's all in the box. The Skitter Box connects to a home entertainment system using a number of different configurations, with connections for HDMI, component and composite video, and optical audio. It supports every standard definition and high definition video resolution currently in use, from 480i to 1080p. Its secure processor supports a variety of conditional access (CA) and digital rights management (DRM) options, and an encryption key decoder is built in.



And that's just for starters. The next generation Skitter Box will offer an optional hard drive (at a small additional cost) for video storage and PVR functionality, as well as support for user-generated content via compatibility with the DLNA (digital living network alliance) standards for home media sharing. A powered USB port on the front of the Skitter Box will allow viewers to easily access content from a digital camera. Add a line-up of compelling TV apps, video search capabilities and social network integration in future releases of the Skitter.TV Media Player, and service providers will have all the weapons needed to successfully compete with any TV service anywhere.

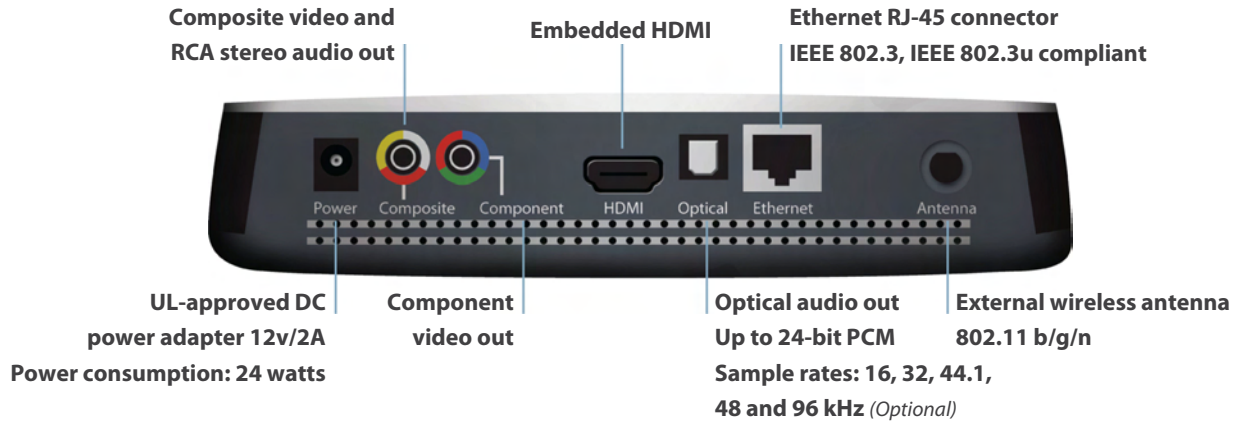
THE CONSUMER'S PERSPECTIVE

The Skitter Box:

- + Brings Internet TV to the TV screen, easily navigable through the Skitter.TV Media Player using only the arrow keys and the "enter" button on the included remote control. It's a true sit-back entertainment experience.
- + Converges live television with over-the-top Web video in one easy-to use program guide.
- + Allows connectivity to the TV and home stereo from your choice of HDMI, component or composite video as well as high-quality optical audio.
- + Offers a choice of wired or wireless network connectivity. There's no need to drill holes and run cables in the home.
- + Supports multiple standard definition and high definition screen resolutions from 480i to 1080p.
- + Fits easily in a home entertainment set-up at only 6.06 inches long by 3.7 inches wide by just over an inch tall — about the size of a 4x6 photo. The Skitter Box weighs less than a can of soda.



SKITTER BOX TECHNICAL SPECIFICATIONS



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|-----------------------------------|--|
| RESOLUTION: | + Standard Definition 480i, 480p, 576i, 576p + High Definition 1080i, 720p, 1080p |
| CPU: | Sigma Designs SMP-8655 |
| SDRAM: | 256 MB DDR2 |
| FLASH MEMORY: | 128 MB NAND |
| ETHERNET: | PHY IC Plus IP-101 |
| WIRELESS: | 802.11n RT2860 + RT2820 + Backward compatible with 802.11 b/g/n |
| IR RECEIVER/REMOTE SENSOR: | Internal IR receiver/sensor and one external IR jack + NEC Protocol |
| USB CONNECTOR: | Type A USB 2.0 + Low, full and high access speeds + Includes 1A power supply and over-current protection |
| USB BRIDGE CONTROLLER: | J Micron JM20316 |
| STEREO AUDIO DAC: | AKM AK4421 |
| OPERATING TEMPERATURE: | 32 ~104°F |
| OPERATION HUMIDITY: | 20-80% non-condensing |
| STORAGE TEMPERATURE: | -68~140°F |
| STORAGE HUMIDITY: | 5-95% non-condensing |
| UNIT SIZE: | 154mm x 94mm (6.06" x 3.7") |

VIDEO DECODING

- + MPEG-4.10 (H.264) BP@L3, MP@L0 and HP@L40
- + SMPTE 421M (VC-1) MP@HL and AP@L3
- + WMV9 MP@HL
- + MPEG-2 MP@HL
- + MPEG-4.2 ASP@L5 (up to HD, 1-point GMC)

VIDEO PROCESSING

- + Simultaneous HD, CIT-HD, and SD outputs
- + Motion-adaptive deinterlacing
- + Adaptive flicker filtering
- + Deblocking and deringing filters
- + 2D graphics accelerator
- + JPEG and OpenType acceleration
- + 12-bit, deep-color xvYCC processing
- + Integrated HDMI v1.3a with CEC

INCLUDED HARDWARE

The Skitter Box ships with the following included items:

- + Remote control
- + Mini-jack composite cable
- + Mini-jack component cable
- + Ethernet cable
- + External wireless antenna
- + DC external power adaptor
- + Two AAA batteries

SELF-SERVICE INSTALLATION IN TWO SIMPLE STEPS

The Skitter Box ships with the Skitter.TV Media Player pre-installed. Set-up is a simple two-step process: 1. Connect to the home network, and 2. Activate the Media Player software. Service activation is fast and easy, requiring only an account number and PIN. Once service activation is complete, the Media Player software checks for updates and continues to self-update automatically as needed. With the Skitter Box, service providers virtually eliminate the complex, time-consuming and expensive service installation process required with most IPTV solutions.

LEARN MORE



To find out more about Skitter.TV and the Skitter Box, contact Skitter, Inc. today.

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