

## Compact, Flexible, Powerful Fully Integrated with Furnace VF!



The STINGRAY Set Top Box (STB) is an InStream™ enabled IP Video appliance providing the full feature-rich capabilities of the Furnace InStream™ player. It serves to connect televisions to multicast and on-demand IP services, while offering content protection with encryption and conditional access. With Ethernet inputs and versatile video and audio outputs, the STINGRAY provides a powerful means of delivering robust VF-Live™, VF-StationManager™, VF-Now™ on-demand services, and streamlined VF Command and Control™ - all through the simple InStream™ interface using the hand held IR remote control. The set-top box provides component analog (Y,Pb,Pr) and composite outputs. It is also equipped with an Ethernet network interface to offer enhanced support for streaming and data networking.

**Content Protection** The STINGRAY is compatible with the Furnace encryption and Conditional Access systems to provide robust content protection options. After provisioning itself from the network, it tunes only services to which the STB account is entitled.

**Setup Made Easy** The STINGRAY is easily installed without technical expertise. Once it is connected to the network, it provisions itself automatically and minutes later plays the selected multicast or unicast content to the connected television.

### STINGRAY

#### Specifications

##### Feature Details

- InStream™ viewer compatible
- OnGuide™ compatible w/2 weeks of program guide data
- VF-Now on-demand support
- Furnace Conditional Access compatible
- SlideCaster compatible
- Closed caption support
- AES Decryption
- 32-bit color graphics with alpha-blending
- IR Remote Control standard
- Automatic provisioning and upgrades provided over network
- Metal box enclosure with anti-slip feet

\*Physical box may not be identical to image above

#### STINGRAY (VF-STB)

##### Inputs

- Network Interface: 10/100 BaseT Ethernet
- MPEG-1, 2, 4 and H.264 (MPEG4 Part 10) MPEG 1 Layer II, MP3 AC3, and AAC-LC audio support
- MPEG Compliant TS Multicast UDP/VFTP IP video and audio
- Unicast TCP VF-Now™ on-demand

##### Outputs

- Composite, S-Video and Component Video\*
- Baseband audio
- Mono/Stereo audio

##### Software

- Linux Kernel
- InStream™ Viewer
- optional component video breakout cable

##### Hardware

- Size 26cm x 24.5cm x 6cm (full height)
- Power Supply: 100/240V 1.4A 60/50Hz in & 12V 4.16A max. output

**Ordering Information** (please obtain complete system quotations from HaiVision or an authorized HaiVision integration partner)

**VF-STB** Furnace STINGRAY Set Top Box – MPEG 1/2/4 & H.264 SD, HD, & WXGA. Ethernet, InStream Viewer and Program Guide Support. Composite, S-Video, and Component, (\*optional cable required) Outputs