

Quick Facts 8i c8J F; ' J]D

FEATURES INCLUDE:

- MPEG-4/MPEG-2 technology
- Digital Video Recorder
 - Recording capacity¹
 - SD up to 200 hours
 - HD up to 30 hours
- Two HD/SD satellite tuners²
- Digital over-the-air tuner²
- Two independent TVs supported
 - TV1 HDTV or SDTV
 - TV2 SDTV
- HDMI digital audio/video output
- Two USB 2.0 ports
- Ethernet port³
- DishHOME Interactive TV
- HD VOD-capable
- Name-based recording
- Recorded events management
- Parental locks
- On-screen Caller ID with history⁴
- Up to 9-day Picture-In-Guide with optional widescreen Electronic Program Guide (EPG)
- Software upgradeable via satellite
- DishCOMM™ compatible³
- DISH Pro Plus compatible
- Remote controls (2)

¹ Recording capacity depends on the type of programming being recorded.

² Additional authorization may be required before high definition programming and/or over-the-air digital broadcasts can be viewed; additional fees may apply.

³ Enabled by a future software upgrade.

⁴ Requires Caller ID subscription with local phone company. Phone line must be connected to receiver.

⁵ See "TV1/TV2 Agile Modulator" on next page.

DESCRIPTION

DuoDVR™ ViP is an advanced MPEG-4 dual-tuner high definition satellite receiver and integrated digital video recorder (DVR) providing the ability to view independent programming on two televisions.

FEATURES

- View and record DISH Network high definition (HD) and standard definition (SD) programming: view HD or SD content on TV1; view SD or down-converted HD on TV2.
- Two satellite tuners provide user-selected viewing options, including:
 - Single Mode: Picture-In-Picture (PIP) on any TV; record/watch two programs. In Shared View, TV2 views TV1 programs.
 - Dual Mode: Separate program viewing/recording on two televisions. Users share all recordings (SD and HD).
- Digital Video Recording features (see "DVR buttons" under **Remote Controls**).
- Records Dolby® Digital when available.
- View digital over-the-air broadcasts on TV1; record digital broadcasts (playback on TV1 or TV2)².
- TV1 display resolutions: 480i, 480p, 720p, 1080i.
 - SD content is upconverted.
 - HD and SD output is simultaneous.
- TV2 display resolution is 480i (HD content is down-converted).

FEATURES, continued

- Optional TV1/TV2 stereo Agile modulated output sends TV1 and TV2's signals to multiple televisions via the home coaxial cable distribution⁵.
- DishCOMM Technology³ allows phone and audio data to be sent throughout a home over existing power wiring; requires only one phone line connection among all DISH Comm-enabled receivers in a home.
- DishHOME Interactive TV.
- On-screen Electronic Program Guide (EPG) with instant access to up to nine days of program listings and information; includes optional widescreen 3-hour format.
- The receiver will respond to discrete ON and OFF remote control commands.



Behind Right-Side Door

Quick Facts

DuoDVR™ ViP

REMOTE CONTROLS



- One universal infrared (IR) 4-component remote control. Controls “TV1” (main TV location). Note: TV1 can be programmed to use a UHF Pro remote control.
- One universal UHF Pro configurable 4-component dual-frequency remote control. Controls “TV2” (second TV location).
 - Controls the satellite receiver through walls and other obstructions (UHF Pro operating range of up to 200 feet unobstructed).
 - One of two UHF Pro frequencies can be selected to avoid conflicts with other remotes in the vicinity.
- Universal 4-component remote control common features:
 - Can be programmed to operate (via IR) up to three additional components such as TVs, VCRs and DVD players.
 - AUX mode can be programmed to operate a second DISH Network satellite receiver via IR or UHF (not UHF Pro).
 - DVR buttons: 30-sec. skip forward, 10-sec. skip back, stop, play, up to 1 hour pause each for TV1 & TV2, forward and reverse (4x, 15x, 60x, 300x), slow motion and frame-by-frame (forward and back), record.
 - Picture-In-Picture (PIP) functions display, move or swap the PIP image in Single Mode.
 - Dedicated “TV Power” button.
 - “Recover” button toggles through TV and VCR inputs to help user return to satellite programming when they accidentally change channels on their TV or VCR.
 - Color iTV buttons.

FRONT PANEL FEATURES

- Ten buttons behind right-side door:
 - Cursor Up, Down, Left, Right and SELECT navigation buttons.
 - POWER, MODE, SYSTEM INFO, INFO, MENU.
- Indicator lights:
 - Green light indicates “TV1” is powered on.
 - Blue light indicates “TV2” is powered on.
 - Two red “Recording” LEDs indicate digital recording has started on “TV1” and/or “TV2.”
 - Amber “MODE” LED indicates if the box is in “Single Mode” or “Dual Mode.”
- Left-side door for smart card receptacle (currently unused).
- IR blast and receive.
- 1 USB 2.0 port.

REAR PANEL FEATURES

- 2 satellite tuner inputs.
- 1 UHF remote control antenna input for included antenna.
- 1 telephone jack.
- 1 USB 2.0 port .
- 1 Ethernet port¹.
- 1 ATSC antenna input for off-air digital broadcasts.
- 3-prong power cord.

¹Enabled by a future software upgrade.

REAR PANEL FEATURES (continued)

- **TV1 A/V Connections**
 - 1 HDMI digital audio/video output.
 - 1 set of Component (YPrPb) HD analog video outputs.
 - 1 set RCA-type audio/video outputs.
 - S-Video output.
 - 1 optical digital output for Dolby® Digital and PCM Digital audio.
 - TV1/TV2 stereo Agile modulated output (channels 21-69 (Air) or 73-125 (Cable)).
- **TV2 A/V Connections**
 - 1 set RCA-type audio/video outputs.
 - TV1/TV2 stereo Agile modulated output (channels 21-69 (Air) or 73-125 (Cable)).

SPECIFICATIONS

- Dimensions (approx.):
H: 3.5” x W: 16” x D: 13”
- Weight (approx.): 11 lbs.
- Color: Black

TV1/TV2 AGILE MODULATOR

Like the ViP622 DVR, the DuoDVR™ ViP receiver has a **TV1/TV2 Agile modulated output** so viewers at the distant location(s) can choose between two modulated channels to view *either* TV1 *or* TV2 programming. While in Dual Mode, these distant viewers can tune to either television channel to watch TV1’s programming *or* TV2’s programming.

See *Quick Facts: TV1/TV2 Agile Output* for more information and special considerations.