

KMHI®



TracVision® HD-series

Delivering the finest TV entertainment,
in high definition, wherever you cruise





Image courtesy of Princess Yachts Limited

KVH TracVision HD-series – the Ultimate Solution for DIRECTV® HDTV & More at Sea

Whether you're relaxing at anchor or cruising offshore, KVH's TracVision HD-series offers everything you need to experience high-definition TV onboard your yacht exactly like you enjoy at home. With a TracVision HD7 or TracVision HD11 onboard, you, your family, and your friends can watch whatever you want, when you want, on whatever TV you want.

Thanks to KVH's revolutionary TriAD™ technology, both the TracVision HD7 and TracVision HD11 receive broadcasts from all three DIRECTV satellites simultaneously.

What does this mean for you?

- ▶ Enjoy unmatched variety because every TV onboard can be tuned to any channel on any of the three satellites. No more waiting for satellite switching, delays, or blank screens.
- ▶ Onboard DVRs will work exactly the way they do at home so you and your passengers can watch your favorite shows live or recorded.
- ▶ Watch TV without worrying about receiver lockups, reboots, or lengthy satellite searches due to expired program guides or receivers looking for the wrong satellite.

The Most Advanced Technology for the Finest Onboard Entertainment

Unmatched HDTV Reception & Tracking

Using a precision tuned reflector, subreflector, and a unique tri-rod dielectric feed, KVH's TriAD technology simultaneously receives broadcasts from all three DIRECTV satellites to deliver the home HDTV experience you love, at sea! And when you're underway, the multi-axis high-performance tracking stays locked on even in the roughest seas so you never miss a minute of the fun.

Easy to Use

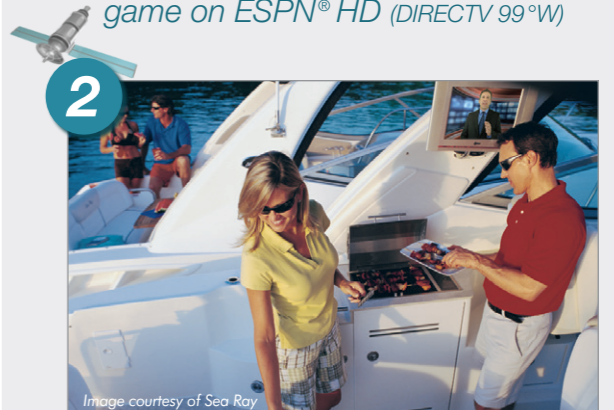
Enjoying TV entertainment at sea should be seamless, fun, and hassle-free. The TracVision HD-series' intelligent Internet Protocol Antenna Control Unit (IPACU), Ethernet connection, and Wi-Fi interface make system setup and operation as simple as opening a web browser. Want it even easier? Check out the TracVision HD7 and HD11 iPad® and iPhone® apps to switch satellites, access the satellite library, check signal strength, and download and install antenna software and satellite updates.



Watch satellite TV from three DIRECTV satellites simultaneously!



Relaxing in the salon with the big game on ESPN® HD (DIRECTV 99°W)



Friends watching CNBC® while cooking on deck (DIRECTV 103°W)



Kids enjoying Disney® after a busy day on the water (DIRECTV 101°W)



“What has impressed me the most about the TracVision HD7 is that it works as it should. Boaters want hassle-free reception and performance, and that’s what you get with the HD7.”

Richard Holtz, Owner, Sea Ray 580



Available in standard base or tapered base that perfectly matches TracPhone V7iP/V7HTS.



Image courtesy of Sunseeker



TracVision HD7

High efficiency in a compact antenna

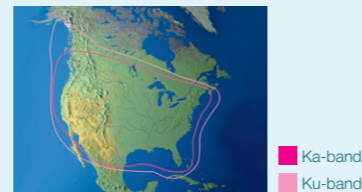
Ideal for boats and yachts 40 ft. and up, TracVision HD7 provides you with HDTV wherever you travel throughout the continental United States and well offshore with its simultaneous reception of DIRECTV’s Ka- and Ku-band broadcasts. If you cruise to exciting ports all through the Americas, the TracVision HD7 and KVH’s exclusive Tri-Americas® LNB option makes moving between DIRECTV HD, DIRECTV PanAmericana, and DISH Mexico as easy as flipping a switch.

Plus, keeping your system up-to-date is simple with the TracVision iPhone app. And if you don’t have Internet access or the TracVision iPhone app, simply insert a USB flash drive loaded with the latest KVH software into the USB flash port to update the system. No laptop, no cables, no worries!

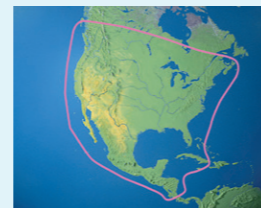
Highlights & Features

- ▶ Whether a new install or an upgrade, installation is a breeze! The TracVision HD7’s compact design is easy to install.
- ▶ With its Single Wire Multiswitch (SWiM) the TracVision HD7 supports up to eight standard DIRECTV HD receivers or four HD DVRs with just a single wire, making installation simpler than ever.¹ Need more than that? No problem! A SWiM expansion kit is available to meet your onboard entertainment needs.

Making HDTV at sea a reality



DIRECTV HDTV
Ka/Ku-band coverage area



DISH Network coverage area²



Optional Tri-Americas LNB
coverage area

Visit kvh.com/TVfootprints for details.

¹ With DIRECTV Genie, only three additional standard DIRECTV HD receivers or one HD DVR may be added. To add more receivers a SWiM expansion kit is available as an accessory.

² DISH U.S. programming is limited to Ku-band DISH 77W satellite only. Does not support DISH 500 service. DISH Network does not have Ka-band broadcasts.

TracVision HD11

Global satellite TV system with full HD support

Your yacht is designed to take you to exotic ports around the globe and the TracVision HD11, designed for yachts 80+ ft., will effortlessly connect you to your favorite TV services wherever you travel! Equipped with KVH’s digitally programmable multi-beam Universal World LNB, it is compatible with nearly every satellite TV service worldwide and eliminates the need to swap LNBs when you reach a new region. To make operation even more simple, the system comes pre-loaded with an easily updated and expanded library of more than 100 satellites around the globe.

Highlights & Features

- ▶ The four-axis pedestal design features fully stabilized skew adjustment and a robotic direct drive that is stronger and tracks better than competing products, even in the roughest seas. It enables the use of the largest possible antenna within the smallest possible radome while covering the sky from the horizon to directly overhead at the equator.
- ▶ The antenna’s built-in service modem enables remote diagnostics to ensure optimal performance and rapid recovery in the unlikely event you experience an issue with the system.
- ▶ The TracVision HD11’s integrated GPS and NMEA compatibility enables the fastest satellite acquisition as well as keyhole satellite tracking along the equator.
- ▶ The optional KVH SmartSwitch enables switching between banks of receivers from different regions with just a button push! For vessels with the need for dual-dome installations, SmartSwitch automatically switches to the antenna with the best signal.

Global satellite coverage



Visit kvh.com/footprint for details.



Image courtesy of Westport



Technical Specifications

	TracVision HD7	TracVision HD11
Satellite Coverage Regions¹	North, Central ² , and South America ²	Worldwide ²
Boat/Yacht Size Compatibility	40+ ft. (12 m)	80+ ft. (24 m)
Antenna Dish Diameter	60 cm (24")	1 m (41.5")
Antenna Unit: Diameter x Height/Weight	66.3 cm x 69.6 cm (26.1" x 27.4")/27.7 kg (61 lbs)	1.2 m x 1.4 m (48.8" x 57.3")/90.7 kg (200 lbs)
Minimum EIRP³	46 dBW (Ku-band) 47 dBW (Ka-band)	42 dBW (Ku-band) 45 dBW (Ka-band)
Skew Control	Stabilized (Tilt)	Stabilized/Automatic
LNB Options (polarization/output)	Circular Ka/Ku/Ka-band Tri-Americas Circular Ka/Ku/Ka-band ⁴	Digitally programmable Universal World Ka/Ku/Ka-band Linear/Circular Quad
Elevation/Azimuth Range	+15° to +75°/720°	-24° to 119°/720°
System Power	100-250 VAC 60 watts nominal 70 watts peak	100-250 VAC 250 watts nominal 300 watts peak
Antenna Operating Temperature	-25°C to +65°C (-13°F to +149°F)	-25°C to +55°C (-13°F to +131°F)
Antenna Survival Temperature	-35°C to +70°C (-31°F to +158°F)	-35°C to +70°C (-31°F to +158°F)
Warranty	2-year parts, 1-year labor ⁵	2-year parts, 1-year labor ⁵
KVH Part Number	Circular: 01-0323-01 Tri-Americas: 01-0323-03	01-0343-01
MSRP (\$USD)	Standard base: \$12,995 Tapered base: \$13,495	\$29,995

¹ Visit www.kvh.com/footprint for details.

² Requires region-specific receiver and service.

³ Please note that all circular Ka/Ku/Ka-band Minimum EIRP values are average approximate figures that may vary according to transponder frequency and location.

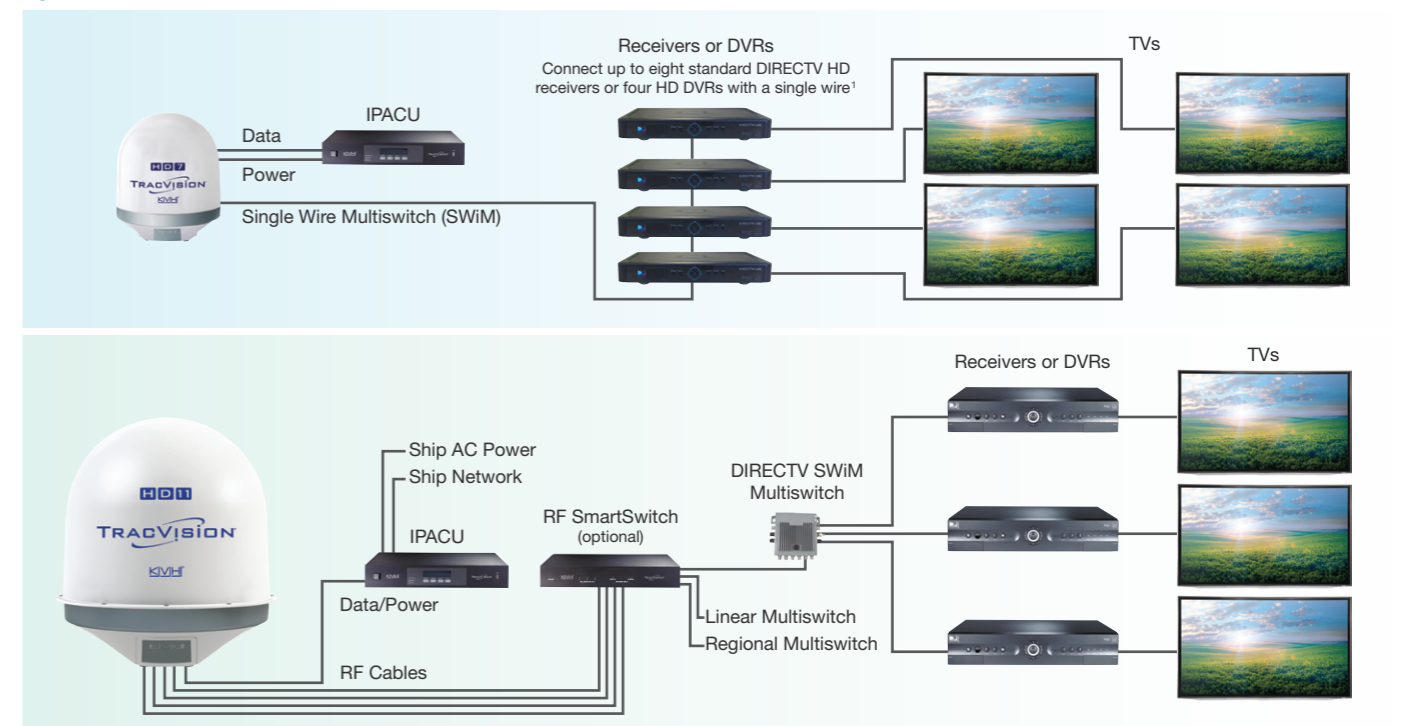
⁴ Tri-Americas Circular is a dual-band LNB for both DIRECTV PanAmericana (P.A.) and DIRECTV U.S. services.

⁵ Unless subject to in-country regulations.

Want Streaming Fast Internet Speeds Too?

KVH's TracPhone® VSAT systems and mini-VSAT BroadbandSM HTS network are a perfect match for the TracVision HD-series. Whether you choose the ultra-compact 37 cm TracPhone V3_{HTS}, the award-winning 60 cm TracPhone V7_{HTS}, or the 1.1 m TracPhone V11_{HTS} with exclusive Ku/C-band coverage, you can enjoy broadband connections as fast as 20 Mbps/3 Mbps (down/up), the fastest unlimited data use channel available, and crystal-clear voice! All models are offered in domes matching the TracVision HD-series for a beautiful dual dome installation that allows you to watch HDTV programming, enjoy broadband Internet access, and video chat with friends and family! And by purchasing a VSAT system, you also have the option to add your TracVision HD-series antenna to the KVH OneCare™ extended warranty program for up to 5 years.

System Overviews*



* These system overviews are intended for reference only. For complete wiring instructions, refer to the user's manual.

¹ With DIRECTV Genie, only three additional standard DIRECTV HD receivers or one HD DVR may be added. To add more receivers, a SWiM expansion kit is available as an accessory.



Image courtesy of Sea Ray



Image courtesy of Princess Yachts Limited

"I have nothing but praise for KVH. The TracVision HD7 has been flawless, giving us crystal-clear HDTV on all 12 televisions onboard. One thing people on the yacht want is television and with HD7, they've got it all the time."

John Kelleher, Captain, 100-foot Ferretti



KVH – Leader in Mobile Broadband

KVH Industries is the world's leading provider of mobile satellite communications and television antenna systems and has been serving the marine industry since 1982. With more than 200,000 mobile satellite antennas sold worldwide, tens of thousands of vessels, vehicles, and aircraft enjoy digital-quality television programming and broadband connectivity thanks to KVH's diverse family of award-winning TracVision and TracPhone antennas. In any harbor, anywhere around the world, you'll see the distinctive TracVision antennas with the gray baseplates installed on more boats than any other brand of satellite television antenna. But the real proof is in the products themselves. When you choose KVH, you choose the best.

World-class Support

KVH customers enjoy a 24/7/365 online support and troubleshooting system; a responsive, international KVH service and support team; a broad-based network of authorized dealers/distributors; and the KVH Certified Support Network (CSN). An ISO 9001:2015-certified organization, KVH meets the highest international standards for quality.



KVH's Award-winning Antenna Systems Recognized by NMEA

For 21 years running, KVH's TracVision systems have won the National Marine Electronics Association (NMEA) Product Excellence Award. NMEA is an industry group made up of more than 600 companies, including manufacturers, dealers, and boat builders – in other words, the people who really know marine electronics.

Dealer/Distributor



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