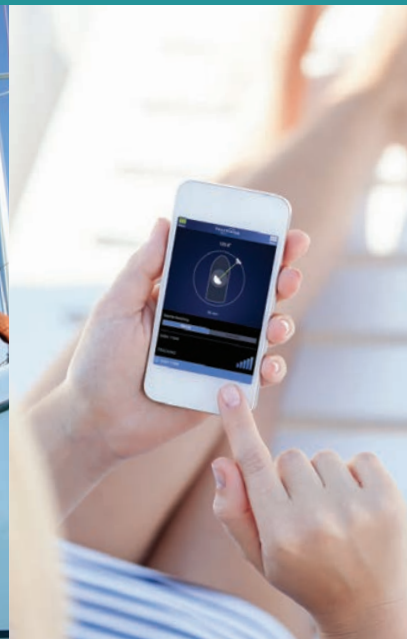


KMVH®

TRACVISION®

TracVision® TV-series

PRODUCT CATALOG



TRACVISION®

“My new TracVision TV3 is receiving beautifully and it is rock solid. Coming from a competitor’s product, this is a refreshing experience for me. I also like the excellent user interface, too!”

Ethan Dow, owner
Issues² – 28-foot Carolina Classic



Image courtesy of Sea Ray



Welcome aboard the TracVision TV-series

Whether you’re relaxing at anchor or cruising offshore in demanding sea conditions, this powerful family of fully stabilized marine satellite systems provides superior performance, including Ku-band HDTV, for satellite TV entertainment. The TracVision TV-series is designed, engineered, and manufactured by the experts at KVH, the leader in marine satellite television for more than 25 years. Bring the best satellite TV solution onboard your boat or yacht and enjoy hundreds of channels of your favorite TV entertainment and hours of commercial-free music via regional satellite TV services around the globe.

Unsurpassed viewing experience onboard

The award-winning TracVision TV-series ranges from the ultra-compact 32 cm TV1 for coastal cruising to the 1 meter TV10 for extended offshore and global trips. It’s a complete family of systems offering sizes, features, and options for every size boat or yacht. The TracVision TV-series brings the television content you love onboard in the best way possible – with sophisticated technology that’s simple to use.

Sophisticated technology....

- ▶ Advanced inertial-based stabilized search enables fast satellite acquisition
- ▶ High-performance tracking ensures a crystal-clear television picture even in heavy seas
- ▶ Exclusive RingFire™ antenna technology provides stronger signals, wider geographic coverage, and better reception
- ▶ Single Wire Multiswitch integrated into belowdecks TV-Hub supports multiple DIRECTV® receivers
- ▶ DVB®-S2 technology ensures compatibility with modern Ku-band television satellite services worldwide
- ▶ IP AutoSwitch option for multiple receiver installations delivers simple automatic satellite switching on DiSEqC™-compatible services

...that’s simple to install & use

- ▶ Sleek IP-enabled TV-Hub and the TracVision app for smartphones and tablets offer easy setup and operation
- ▶ Single coaxial cable for power, data, and video enables easy installations and retrofits†
- ▶ User-friendly interface that you can access from any mobile device or laptop provides system information at your fingertips

† Some installations require multiple cables.



Product Award Winner
Satellite Television
1998–2021

TracVision – the award-winning choice for satellite television performance on the boat

For 24 consecutive years, TracVision has won the highest honor in marine electronics: the annual product award given by the National Marine Electronics Association. This industry group is made up of more than 600 companies, including manufacturers, dealers, and boatbuilders – in other words, the people who really know marine electronics. KVH is the satellite system supplier for industry-leading boatbuilders around the world and TracVision remains the satellite TV system brand that the world’s top marine electronics dealers turn to year after year.



TracVision TV-Hub: the center of it all

The TracVision TV-Hub integrates advanced technology into a single compact, lightweight unit* that's simple and easy to use. Control your satellite TV system with an intuitive web interface designed for optimal viewing on your Wi-Fi-enabled smartphone, tablet, smart TV, or computer.

- ▶ IP-enabled antenna control unit with Ethernet connection and built-in Wi-Fi interface allows access to system information from any Wi-Fi-enabled device
- ▶ Automatic satellite switching makes it easy to access all programming and local channels wherever you travel, and with whatever service you choose
- ▶ Built-in digital SWM-compatible technology supports DIRECTV Ku-band programming. Built-in DISH PRO output supports DISH Network® and Bell TV service. Built-in DiSEqC protocol supports linear TV services around the world.
- ▶ Status indicators quickly convey information about antenna state and power
- ▶ 10-30 VDC input to the TV-Hub provides power to the antenna
- ▶ Wizard makes installation and setup easy
- ▶ Easy setup and system control with KVH's exclusive TracVision app for iOS®, iPadOS®, and Android™
- ▶ Troubleshoot quickly using the antenna status feature and easy to use advanced system diagnostics

*23.6 x 20.5 x 4.4 cm (9.3" x 8" x 1.7"); 1.0-1.3 kg (2.1-2.8 lbs)



TV-Hub user interface gives you control at your fingertips on any mobile device or computer



TracVision TV10

The premier, lightest 1 meter marine satellite TV system with expanded global Ku-band HD coverage

KVH's powerful high-gain TracVision TV10 provides a crystal-clear viewing experience with high-definition support for regional satellite TV services throughout the world. Enjoy premium and uninterrupted entertainment with reliable coverage offshore and in the most remote locations.

Highlights and Features

- ▶ Supports DIRECTV U.S. & Latin America, DISH Network U.S. & Mexico, Bell TV, SKY Mexico, and circular and linear Ku-band services worldwide†
- ▶ HDTV compatible (Ku-band only)
- ▶ The most advanced stabilized tracking for fast satellite acquisition
- ▶ High-performance tracking with advanced algorithms for crystal-clear television picture in heavy seas
- ▶ Some installations require only a single coaxial cable, plus mounting pattern matches competitive system models for easy upgrades and retrofits
- ▶ System configurations support multiple receivers with simple onboard integration
- ▶ Preprogrammed worldwide satellite library
- ▶ All system configurations offer built-in GPS; system comes with Linear Universal LNB with autoskew and Stacked U.S. Circular LNB (for DIRECTV SD and DISH) as standard equipment
- ▶ IP AutoSwitch option for multi-receiver installations delivers simple auto-switching on DiSEqC-compatible services
- ▶ DVB-S2 compatible
- ▶ Includes satellite TV receiver for either DISH Network or DIRECTV U.S.*

* DISH Network or DIRECTV U.S. receiver sent separately; requires pre-activation of service. See www.kvh.com/tvreceiver for details.

† Services may require different LNB types. See www.kvh.com/tvfootprints for details.



TV-Hub user interface gives you control at your fingertips on any mobile device or computer



TracVision TV8

Excellent reception for extended cruising offshore

With the powerful and sleek TracVision TV8, you can count on high-performance tracking and excellent reception (including HDTV programming) no matter where your favorite cruising grounds are found. The 81 cm (32 in) diameter antenna features an expanded coverage footprint so you can enjoy hundreds of channels of uninterrupted, crystal-clear digital entertainment with top-quality sound.

Highlights and Features

- ▶ Supports DIRECTV U.S. & Latin America, DISH Network U.S. & Mexico, Bell TV, SKY Mexico, and circular and linear Ku-band services worldwide[†]
- ▶ HDTV compatible (Ku-band services only)
- ▶ Single coaxial cable for power, data, and video for easy installations and retrofits^{††}
- ▶ Advanced inertial-based stabilized search for fast satellite acquisition
- ▶ High-performance tracking with advanced algorithms for crystal-clear television picture in heavy seas
- ▶ Built-in worldwide satellite library
- ▶ All system configurations support multiple receiver installations
- ▶ All system configurations offer built-in GPS; Linear Universal Quad LNB configuration offers built-in autoskew
- ▶ Tri-Americas[®] LNB option for seamless TV reception throughout the Americas
- ▶ IP AutoSwitch option for multiple receiver installations delivers simple auto-switching on DiSEqC-compatible services
- ▶ DVB-S2 compatible
- ▶ Includes satellite TV receiver for either DISH Network or DIRECTV U.S.*

* DISH Network or DIRECTV U.S. receiver sent separately; requires pre-activation of service. See www.kvh.com/tvreceiver for details.

[†] Services may require different LNB types. See www.kvh.com/tvfootprints for details.

^{††} Some services require multiple cables.



TV-Hub user interface gives you control at your fingertips on any mobile device or computer



TracVision TV6

High performance when bluewater is on the horizon

The TracVision TV6 provides commercial-grade performance, rock-steady satellite reception, and an extended coverage area that is perfectly suited for boats heading offshore for short or long voyages. The 60 cm (24 in) antenna features easy single-cable installation.[†]

Highlights and Features

- ▶ Supports DIRECTV U.S. & Latin America, DISH Network U.S. & Mexico, Bell TV, SKY Mexico, and circular and linear Ku-band services worldwide^{††}
- ▶ HDTV compatible (Ku-band services only)
- ▶ Single coaxial cable for power, data, and video for easy installations and retrofits[†]
- ▶ Advanced inertial-based stabilized search for fast satellite acquisition
- ▶ High-performance tracking with advanced algorithms for crystal-clear television picture in heavy seas
- ▶ Built-in worldwide satellite library
- ▶ All system configurations support multiple receiver installations
- ▶ Linear Universal Quad LNB configuration offers built-in GPS and autoskew
- ▶ Tri-Americas LNB option for seamless TV reception throughout the Americas
- ▶ IP AutoSwitch option for multiple receiver installations delivers simple auto-switching on DiSEqC-compatible services
- ▶ DVB-S2 compatible
- ▶ Includes satellite TV receiver for either DISH Network or DIRECTV U.S.*

* DISH Network or DIRECTV U.S. receiver sent separately; requires pre-activation of service. See www.kvh.com/tvreceiver for details.

[†] Some services require multiple cables.

^{††} Services may require different LNB types. See www.kvh.com/tvfootprints for details.





TV-Hub user interface gives you control at your fingertips on any mobile device or computer



TracVision TV5

Combining big performance with compact size

With 30% greater reception than other 45 cm (18 in) systems, you'll enjoy satellite TV reception where few others can provide it. TracVision TV5 offers outstanding high-performance tracking and reception, as well as compatibility with the most popular satellite service providers worldwide. This rugged system is ideal for sportfishing boats or boats venturing offshore or to the islands.

Highlights and Features

- ▶ Supports DIRECTV U.S. & Latin America, DISH Network U.S. & Mexico, Bell TV, SKY Mexico, and circular and linear Ku-band services worldwide[†]
- ▶ HDTV compatible (Ku-band services only)
- ▶ Single coaxial cable for power, data, and video for easy installations and retrofits^{††}
- ▶ Advanced inertial-based stabilized search for fast satellite acquisition
- ▶ High-performance tracking with advanced algorithms for crystal-clear television picture in heavy seas
- ▶ Built-in worldwide satellite library
- ▶ All system configurations support multiple receiver installations
- ▶ Low elevation angle for better tracking in northern latitudes
- ▶ Linear Universal Quad LNB configuration offers built-in GPS and autoskew option
- ▶ Tri-Americas LNB option for seamless TV reception throughout the Americas
- ▶ IP AutoSwitch option for multiple receiver installations delivers simple auto-switching on DiSEqC-compatible services
- ▶ DVB-S2 compatible
- ▶ Includes satellite TV receiver for either DISH Network or DIRECTV U.S.*

* DISH Network or DIRECTV U.S. receiver sent separately; requires pre-activation of service. See www.kvh.com/tvreceiver for details.
[†] Services may require different LNB types. See www.kvh.com/tvfootprints for details.
^{††} Some services require multiple cables.



TV-Hub user interface gives you control at your fingertips on any mobile device or computer



TracVision TV3

Small, powerful antenna with versatile options

With a single-cable installation, the TracVision TV3 is a great choice for powerboats and sailboats frequenting cruising areas located as far as 100 nautical miles offshore. A compact 37 cm (14.5 in) antenna and convenient mobile device interface make installation a snap. The TV3 is the perfect solution for single- or multiple-receiver installations.

Highlights and Features

- ▶ Supports DIRECTV, DISH Network, Bell TV, SKY Mexico, and circular and linear Ku-band services worldwide[†]
- ▶ HDTV compatible (Ku-band services only)
- ▶ Single coaxial cable for power, data, and video for easy installations and retrofits^{††}
- ▶ Advanced inertial-based stabilized search for fast satellite acquisition
- ▶ High-performance tracking with advanced algorithms for crystal-clear television picture in heavy seas
- ▶ Built-in worldwide satellite library
- ▶ Single and dual linear LNB options^{††}
- ▶ IP AutoSwitch option for multiple receiver installations delivers simple auto-switching on DiSEqC-compatible services
- ▶ DVB-S2 compatible
- ▶ Includes satellite TV receiver for either DISH Network or DIRECTV U.S.*

* DISH Network or DIRECTV U.S. receiver sent separately; requires pre-activation of service. See www.kvh.com/tvreceiver for details.
[†] Services may require different LNB types. See www.kvh.com/tvfootprints for details.
^{††} TracVision TV3 is also available in a cable wrap version; requires two coaxial cables for multiple receivers.





**Includes
Satellite TV
Receiver!***



TV-Hub user interface gives you control at your fingertips on any mobile device or computer



TracVision TV1

High efficiency in an ultra-compact antenna

This ultra-compact 32 cm (12.5 in) antenna is perfect for coastal cruising or sailboats. A single-cable design and easy-to-use installation wizard and system control make this antenna a breeze to install and use.







Highlights and Features

- ▶ Supports DIRECTV, DISH Network, and Bell TV in North America, and select linear Ku-band services in Europe, Thailand, and New Zealand†
- ▶ HDTV compatible (Ku-band services only)
- ▶ Single coaxial cable for power, data, and video for easy installations and retrofits
- ▶ Advanced inertial-based stabilized search for fast satellite acquisition
- ▶ High-performance tracking with advanced algorithms for crystal-clear television picture in heavy seas
- ▶ Built-in worldwide satellite library
- ▶ IP AutoSwitch option for multiple receiver installations delivers simple auto-switching on North American DiSEqC-compatible services (DISH Network and Bell TV)
- ▶ DVB-S2 compatible
- ▶ Includes satellite TV receiver for either DISH Network or DIRECTV U.S.*
- ▶ Optional mounting bracket (KVH Part No. 72-0409) for pole or rail-mount options

* DISH Network or DIRECTV U.S. receiver sent separately; requires pre-activation of service. See www.kvh.com/tvreceiver for details.

† Services may require different LNB types. Limited coverage in certain regions in North America, Europe, Thailand, and New Zealand; see www.kvh.com/tvfootprints for details.

TracVision TV-series Technical Specifications

						
For TracVision HD-series, visit kvh.com/hd	TracVision TV1	TracVision TV3	TracVision TV5	TracVision TV6	TracVision TV8	TracVision TV10
Vessel Size Compatibility	For 20+ ft vessel	For 30+ ft vessel	For 40+ ft vessel	For 50+ ft vessel	For 80+ ft vessel	For 80+ ft vessel
Satellite Coverage ¹	Select Regions Worldwide ^{2,3}	Worldwide ³	Worldwide ³	Worldwide ³	Worldwide ³	Worldwide ³
Antenna Dish Diameter	32 cm (12.5")	37 cm (14.5")	45 cm (18")	60 cm (24")	81.3 cm (32")	1 meter (41.5")
Antenna Unit: Diameter x Height	34.3 x 33.7 cm (13.5" x 13.3")	39.4 x 44.7 cm (15.5" x 17.6")	48.8 x 53.2 cm (19.2" x 20.9")	66.6 x 69.9 cm (26.2" x 27.4")	88.9 x 99.9 cm (35.0" x 39.3")	1.2 m x 1.4 m (48.8" x 57.3")
Antenna Weight	3.6 kg (8 lbs)	7.7 kg (17 lbs) Linear Universal Dual: 9.1 kg (20 lbs)	11.3 kg (25 lbs)	24.2 kg (53.4 lbs)	40.0 kg (88.2 lbs)	90.0 kg (198 lbs)
Min. EIRP (Ku-band) ⁴	51 dBW	50 dBW	48 dBW	46 dBW	43 dBW	41.5 dBW
Elevation/ Azimuth Range	+20° to +70°/ Continuous	+10° to +80°/ Continuous Linear Universal Dual: +10° to +80°/ 720°	+0° to +80°/ 720°	+10° to +80°/ 720°	-15° to +80°/ 720°	0° to +80°/ 720°
Linear Skew Control	Manual	Manual	Manual or Automatic	Automatic	Automatic	Automatic
LNB Types Available (polarization/output)	Linear Universal Single ⁵ Circular	Linear Universal Single ⁵ Linear Universal Dual ⁶ Circular SKY Mexico Stacked	Linear Universal Quad DIRECTV L.A. Circular Circular Tri-Americas Circular ⁷ SKY Mexico Stacked	Linear Universal Quad DIRECTV L.A. Circular Circular Tri-Americas Circular ⁷ SKY Mexico Stacked	Linear Universal Quad DIRECTV L.A. Circular Circular Tri-Americas Circular ⁷ SKY Mexico Stacked	Linear Universal Quad DIRECTV L.A. Circular Circular Tri-Americas Circular ⁷ SKY Mexico Stacked
Tracking Technology	High-performance	High-performance	High-performance	High-performance	High-performance	High-performance
User Interface	TV-Hub web interface	TV-Hub web interface	TV-Hub web interface	TV-Hub web interface	TV-Hub web interface	TV-Hub web interface
Tri-Americas LNB Compatible	No	No	Yes	Yes	Yes	Yes
System Power	10-30 VDC 42 watts nominal	10-30 VDC 42 watts nominal	10-30 VDC 53 watts nominal	10-30 VDC 53 watts nominal	10-30 VDC 60 watts nominal	20-30 VDC 75 watts nominal
Cabling (Consult price list for alternative cabling)	1 Power/RF cable: RG6 15 m (50 ft) (single cable) included	1 Power/RF cable: RG6 15 m (50 ft) (single cable) included ⁸	1 Power/RF cable: RG6 30 m (100 ft) (single cable) included ⁸	1 Power/RF cable: RG6 30 m (100 ft) (single cable) included ⁸	1 Power/RF cable: RG11 30 m (100 ft) (single cable) included ⁸	1 Power/RF cable: RG11 30 m (100 ft) (single cable) included ⁸
Antenna Operating Temperature	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)
Antenna Survival Temperature	-25°C to +70°C (-13°F to +158°F)	-25°C to +70°C (-13°F to +158°F)	-25°C to +70°C (-13°F to +158°F)	-25°C to +70°C (-13°F to +158°F)	-25°C to +70°C (-13°F to +158°F)	-25°C to +70°C (-13°F to +158°F)
Warranty ⁹	2/1 year parts/labor	2/1 year parts/labor	2/1 year parts/labor	2/1 year parts/labor	2/1 year parts/labor	2/1 year parts/labor
EMEA/Asia ¹⁰ /SKY Brazil System Configuration: KVH Part Number ¹¹	Linear Universal Single: 01-0366-02	Linear Universal Single: 01-0368-02 Linear Universal Dual: 01-0368-09	Linear Universal Quad Autoskew: 01-0364-34 Linear Universal Quad Manual: 01-0364-04	Linear Universal Quad Autoskew: 01-0369-02	Linear Universal Quad Autoskew: 01-0386-04	01-0445-01 ¹³
SKY Mexico System Configuration: KVH Part Number ¹¹	N/A	Linear Universal Single: 01-0368-02 ¹² Linear Universal Dual: 01-0368-09 ¹²	Linear Universal Quad Autoskew: 01-0364-34 ¹² Linear Universal Quad Manual: 01-0364-04 ¹²	Linear Universal Quad Autoskew: 01-0369-02 ¹²	Linear Universal Quad Autoskew: 01-0386-04 ¹²	01-0445-01 ¹³ , plus SKY Mexico LNB Conversion Kit: 72-0908
DIRECTV L.A. System Configuration: KVH Part Number ¹¹	N/A	N/A	DIRECTV L.A.: 01-0364-03	DIRECTV L.A.: 01-0369-03	DIRECTV L.A.: 01-0386-03	01-0445-01 ¹³ , plus DIRECTV L.A. LNB Conversion Kit: 72-0906
North American System Configuration: KVH Part Number	Circular: 01-0366-07	Circular: 01-0368-07	Circular: 01-0364-07 Tri-Americas Circular: 01-0364-06	Circular: 01-0369-07 Tri-Americas Circular: 01-0369-06	Circular: 01-0386-07 Tri-Americas Circular: 01-0386-06	Standard: 01-0445-01 ¹³ Tri-Americas Circular: 01-0445-01 + 72-0907 ¹⁴

¹ For details, visit www.kvh.com/tvfootprints.

² Limited coverage in certain regions in North America, Europe, Thailand, and New Zealand; see www.kvh.com/tvfootprints for details.

³ Requires region-specific receiver and service. Receiver included in N. America only.

⁴ Minimum EIRP values are average approximate figures that may vary according to actual transponder frequency and location.

⁵ Single-receiver system.

⁶ Two-receiver system.

⁷ Tri-Americas Circular is a dual-band LNB for both DIRECTV Latin America (L.A.) and DIRECTV U.S. services.

⁸ Some system configurations require additional RF cables; contact KVH or your dealer/distributor for details.

⁹ Unless subject to in-country regulations.

¹⁰ Some services in Asia require unique circular LNBs to work; contact KVH or your dealer/distributor for details.

¹¹ Contact KVH or your dealer/distributor for details and pricing on system configurations other than N. American.

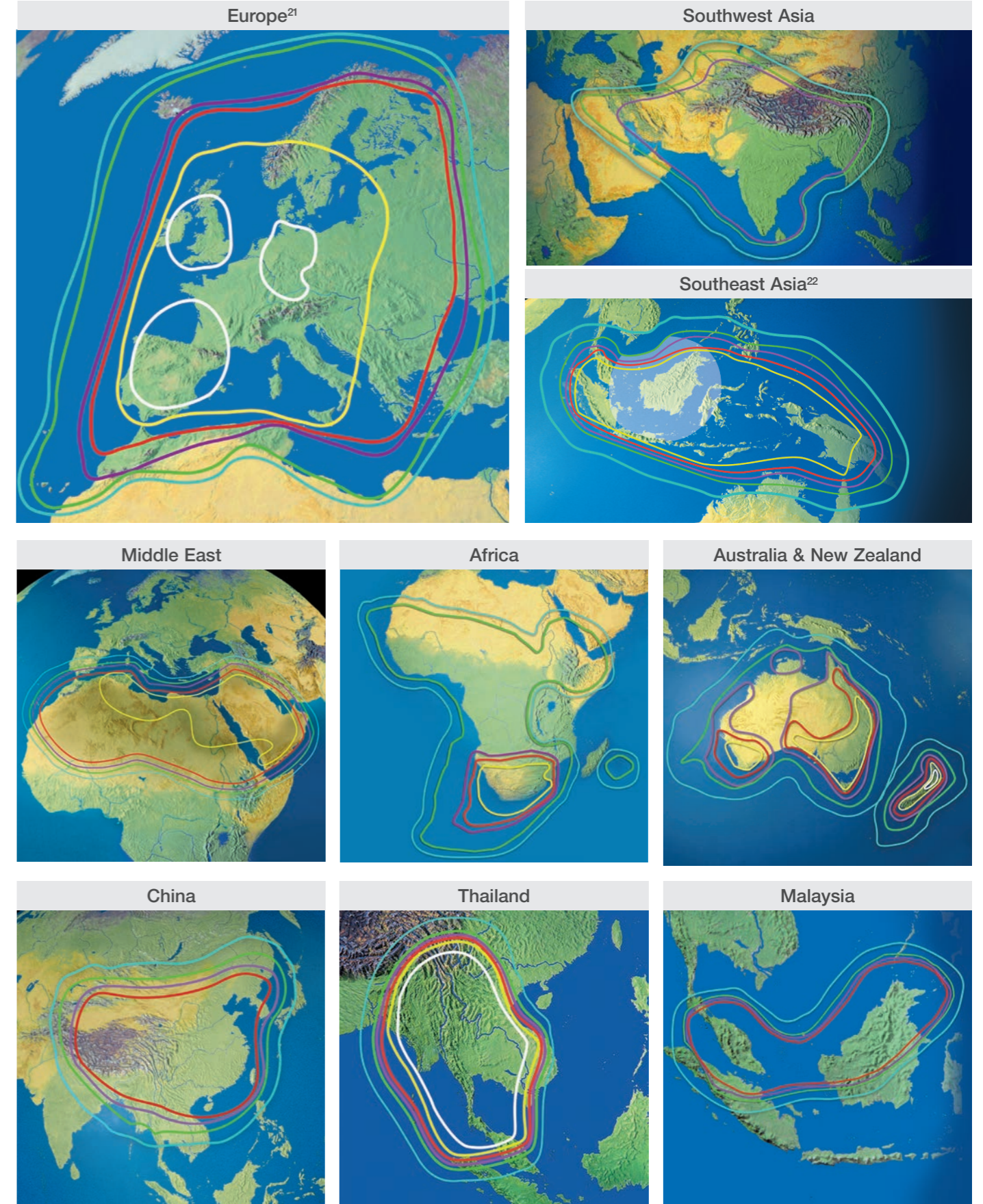
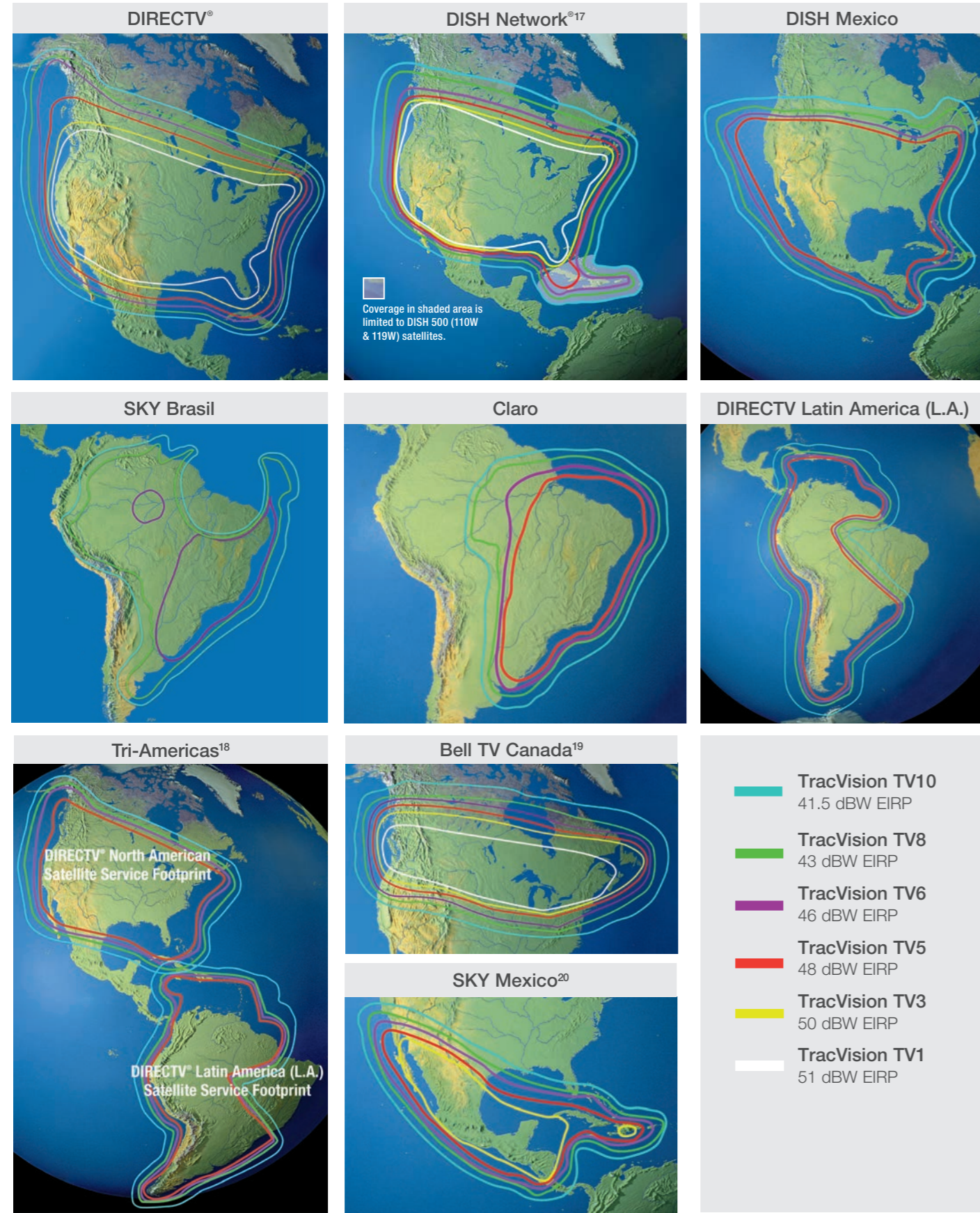
¹² System requires additional SKY Mexico LNB Kitpack (S72-0825).

¹³ Linear Universal Quad LNB system with Circular LNB Conversion Kit Pack (72-0905) included.

¹⁴ Tri-Americas Circular LNB Conversion Kit Pack.

Worldwide Ku-band Coverage¹⁶

Maps represent general coverage areas only. Visit kvh.com/tvfootprints for details.



¹⁶ These maps are representative. For detailed information about the programming available from different service providers and coverage as it pertains to specific satellite services, please visit www.kvh.com/tvfootprints. KVH Industries does not have control over the programming or operation of the satellites or services that are covered in this document. The coverage maps for these satellites are provided as reference only and may change in the future or could be impacted by weather conditions. KVH provides no guarantees of satellite coverage, satellite availability, programming available on any specific satellite service, or compatibility of the TracVision system with new satellites that may be launched in the future. Please note that all EIRP values are minimum values and are average approximate figures that may vary according to actual transponder frequency and location.

¹⁷ TV1 coverage for DISH Network is limited to "DISH 500" (satellites 110W and 119W), "DISH Eastern Arc - Legacy" (satellites 61W, 110W, 119W) and the "DISH Western Arc" (satellites 110W, 119W, and 129W). Note that 129W coverage is not available in the northeast U.S. due to the low elevation angle to the satellite. TV1 is not compatible with the "DISH Eastern Arc" (satellites 61W, 72W) at this time.

¹⁸ Optional system configuration, combining North American and Latin American coverage footprints. Contact KVH for details and pricing.

¹⁹ Coverage for TV1 is for satellite 91W only.

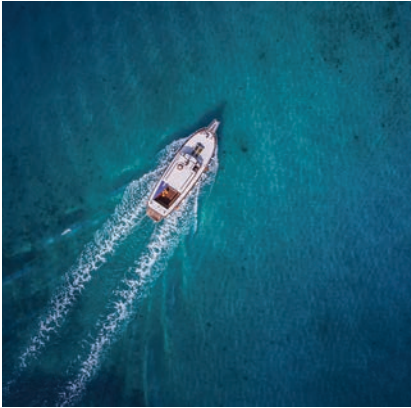
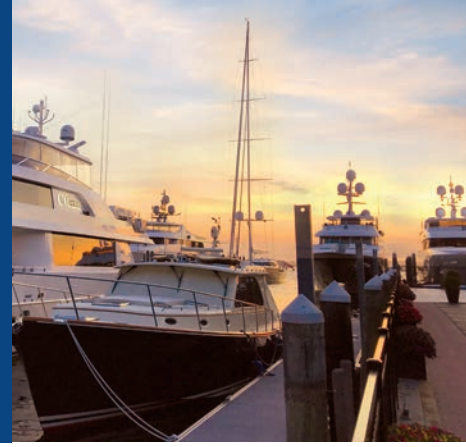
²⁰ All systems require the additional SKY Mexico LNB Kitpack for service. Contact KVH for details and pricing.

²¹ Map represents overall coverage capabilities of multiple services. For specific satellite service coverage maps, see kvh.com/tvfootprints. European coverage for TV1 is limited and varies by service; contact KVH for details.

²² Light shaded area in map indicates an area where satellite elevation has exceeded the elevation limits of certain antenna systems. See the specific service coverage maps at kvh.com/tvfootprints for details.

Bring the Best Onboard with KVH

The results speak for themselves. In any harbor, anywhere around the world, you'll see KVH's distinctive white antennas with gray baseplates. With more than 200,000 mobile antennas fielded worldwide, KVH has supplied more satellite communications and TV antenna systems for mobile applications than any other manufacturer. **When you choose KVH, you choose the best!**



World-class Support

Wherever you voyage, receive outstanding support and service through KVH's Certified Support Network (CSN). This includes KVH's 24/7 online web support system; a responsive international KVH service and support team; an extensive network of authorized dealers/distributors around the globe; and a standard 2-year parts/1-year labor warranty*. An ISO-9001-certified organization, KVH meets the highest international standards for quality.

**Unless subject to in-country regulations.*



KVH – Leader in Mobile Broadband

Serving the marine industry since 1982, KVH's fully stabilized mobile satellite communications and satellite TV antennas offer unmatched performance during all sea and weather conditions.

KVH antenna systems undergo stringent quality checks, including accelerated life cycle testing, military specification environmental tests, shock and vibration testing to the industry's most rigorous specifications, and in-depth functional evaluations.

Dealer/Distributor

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