

TRACVISION

TracVision[®] TV-series

PRODUCT CATALOG



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	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.

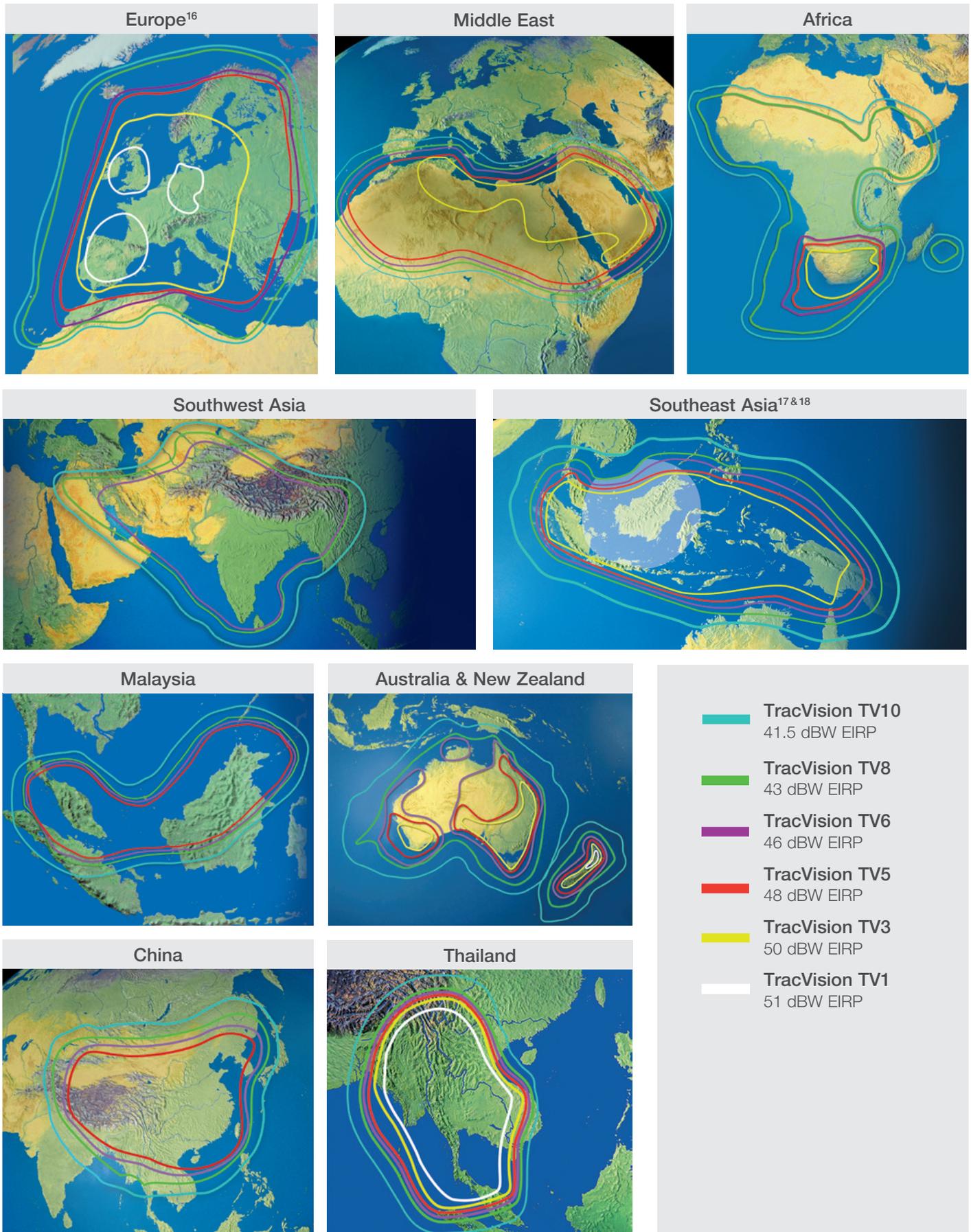
¹¹ Contact KVH or your dealer/distributor for details and pricing on system configurations other than N. American.

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 Coverage¹⁵



¹⁵ 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.

¹⁶ European coverage for TV1 represents specific beams, please visit kvh.com/tvfootprints for details.

¹⁷ A region-specific LNB may be required for some services in this region.

¹⁸ 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/tvfootprintsasia for details.

Sophisticated, rugged technology designed to deliver the best TV entertainment at sea

Unsurpassed Viewing Experience

- Fully compatible with Ku-band standard and HD satellite TV services worldwide
- Delivers hundreds of digital TV, movie, and music channels

Superior Performance

- Advanced search technology for the fastest satellite acquisition
- High-performance tracking and reception, even in heavy seas
- Exclusive RingFire™ antenna technology for wider geographic coverage and better reception
- Single cable for easy installation

Advanced, Easy Management

- Sleek IP-enabled TV-Hub for easy setup and operation
- User-friendly interface for easy system control and satellite switching



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!



KVH's Award-winning Antenna Systems Recognized by NMEA

For 22 consecutive years, TracVision has won the highest honor in marine electronics: the National Marine Electronics Association (NMEA) Product Excellence Award, a testament to TracVision's reliability, performance, and KVH's global service and support.



World-class Support

Wherever you operate, 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.*

Dealer/Distributor

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