

# TracVision® M-series

## Premier satellite TV at sea!

The ultimate satellite TV solution for commercial applications.



### Key Features and Attributes

- Ultra-high efficiency 37 cm, 45 cm, 60 cm, and 82 cm antennas using KVH's exclusive RingFire™ technology for the best reception and coverage available.
- Unsurpassed tracking and superior offshore performance in even the most demanding conditions.
- Proven, rugged, and reliable design for trouble-free operation in the demanding marine environment.
- Positive satellite identification using integrated Digital Video Broadcast (DVB®) technology.
- Reception of leading satellite TV services around the globe.\*
- Compatible with KVH's Tri-Americas® LNB so no changes are needed to antenna hardware when traveling between North and South America.†
- Support for multiple TVs and receivers, so everyone onboard can enjoy the TV programs they want.
- Completely automatic satellite switching with your remote control – a KVH exclusive!

### TracVision M-series – the commercial-grade satellite TV solution for crew morale.

There's only one way to enjoy home theatre-quality television wherever you operate – satellite television; and for the captain who insists on quality and reliability, there's only one way to get it – TracVision from KVH, the world's leading line of mobile satellite TV antenna systems.

Built using KVH's exclusive RingFire antenna technology and offering the best coverage and reception available today, TracVision provides you and your crew with a front row seat to the latest news, sports, movies, and more – all in crystal-clear, digital-quality television!

Thanks to their rugged, fully stabilised design and proprietary DVB tracking, KVH's HDTV-ready TracVision M-series antennas provide TV programming farther offshore in all sea conditions with better reception and signal strength than other systems. They receive all of the leading satellite services around the world, so you'll be able to watch your favourite television programs, almost anywhere you travel.\* Adding to the convenience when you choose the TracVision M9 is KVH's worldwide TV satellite library, which is preprogrammed to track more than 70 satellites from popular satellite TV providers around the world.

Choose the satellite TV solution as reliable as your ship. TracVision systems are built to commercial specifications so they'll provide many years of trouble-free operation backed by KVH's worldwide Certified Support Network (CSN).

With TracVision, it's never been easier to reward your crew with hundreds of channels of satellite TV programming from high-powered TV services around the globe.

*"We were impressed by TracVision's reliable performance, ability to find and track the required satellites virtually wherever our vessels travel, and its ease of use."*

*– Shipping Operator DFDS Tor Line*



\*Ku-band satellite TV services only; may require region-specific LNB and satellite TV receiver.

†For coverage map, visit [www.kvh.com/footprint](http://www.kvh.com/footprint)

|  | TracVision M9   | TracVision M7   | TracVision M7sk   | TracVision M5   | TracVision M3dx   |
|--|---|---|---|---|---|
|  |  |  |  |  |  |

|                                |   |  |  |   |   |
|--------------------------------|---|--|--|---|---|
| Antenna Dish Diameter          | 82 cm   | 60 cm  | 60 cm  | 45 cm   | 37 cm   |
| Antenna Diameter/Height/Weight | 89 cm/99 cm/38.5 kg                                 | 66 cm/69 cm/25 kg                                      | 66 cm/69 cm/25 kg                                      | 49 cm/53 cm/13.6 kg                                   | 39 cm/44 cm/8.6 kg                                |
| Minimum EIRP                   | 43 dBW  | 46 dBW   | 46 dBW   | 48 dBW  | 50 dBW  |
| Tri-Americas LNB Compatible    | Yes   | Yes  | Yes  | Yes   | No  |
| Skew Control                   | Stabilised/Automatic                                | Manual   | Automatic  | Manual  | Manual  |
| Circular LNB Options           | N. American Dual                                    | N. American Dual                                       | N/A  | N. American Dual                                      | N. American Dual                                  |
|                                | Galaxy L. American Dual                             | Galaxy L. American Dual                                | N/A  | Galaxy L. American Dual                               | N/A   |
| Linear LNB Options             | European Universal Quad                             | European Universal Quad                                | European Universal Quad                                | European Dual/Universal Quad                          | Linear Single                                     |
|                                | Sky Mexico Dual                                     | Sky Mexico Dual  | Sky Mexico Dual  | Sky Mexico Dual                                       | Sky Mexico Single                                 |
| Elevation/Azimuth Range        | -15° to +80°/720°                                   | +10° to +80°/720°                                      | +10° to +80°/720°                                      | +15° to +80°/720°                                     | +10° to +80°/Continuous                           |
| Power                          | 24-30 VDC<br>2.5 amps (continuous)                  | 12-16 VDC<br>3 amps nominal<br>4 amps peak             | 12-16 VDC<br>3 amps nominal<br>4 amps peak             | 12-16 VDC<br>3 amps nominal<br>3.5 amps peak          | 10-16 VDC<br>2.5 amps nominal<br>4 amps peak      |
| Cabling                        | Power/Data: 30 m – 1 Cable<br>RF: Customer-supplied | Power/Data: 30 m – 2 Cables<br>RF: 30 m – RG11 Coaxial | Power/Data: 30 m – 2 Cables<br>RF: 30 m – RG11 Coaxial | Power/Data: 15 m – 2 Cables<br>RF: 15 m – RG6 Coaxial | 15 m – Single Cable<br>RG6 Coaxial Power/RF Cable |
| Operating/Storage Temperature  | -25°C to +55°C/-40°C to +85°C                       | -25°C to +55°C/-40°C to +85°C                          | -25°C to +55°C/-40°C to +85°C                          | -25°C to +55°C/-40°C to +85°C                         | -25°C to +55°C/-40°C to +85°C                     |
| Warranty*                      | 2 Years Parts, 1 Year Labour                        | 2 Years Parts, 1 Year Labour                           | 2 Years Parts, 1 Year Labour                           | 2 Years Parts, 1 Year Labour                          | 2 Years Parts, 1 Year Labor                       |

\* Unless subject to in-country regulations.

## Coverage Maps<sup>1</sup>

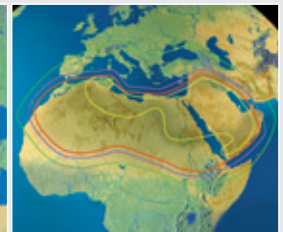
These maps are representative. For detailed information about the programming available from different service providers, visit: [www.kvh.com/footprints](http://www.kvh.com/footprints)

- 43 dBW EIRP Antenna  
TracVision M9
- 46 dBW EIRP Antenna  
TracVision M7, M7sk
- 48 dBW EIRP Antenna  
TracVision M5
- 50 dBW EIRP Antenna  
TracVision M3dx

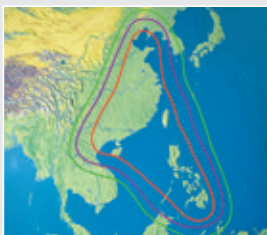
Europe



Middle East



Asia



North America



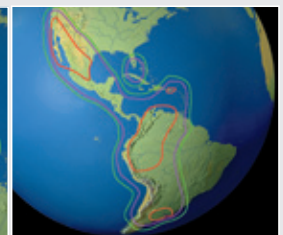
Canada



Mexico & Central America



Latin America<sup>2</sup>



<sup>1</sup> 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 Minimum EIRP values are average approximate figures that may vary according to actual transponder frequency and location.

<sup>2</sup> For more information on Brazilian coverage, contact your local KVH dealer.

## Add satellite phone and Internet for the most complete solution!

KVH Industries is the world's leading provider of mobile satellite TV and communications solutions, with more than 150,000 mobile satellite antennas sold and fielded worldwide. Rely on KVH as your single source for all of your maritime needs, global communications via Inmarsat FleetBroadband products, or the revolutionary TracPhone<sup>®</sup> V7 with mini-VSAT Broadband<sup>SM</sup> service.



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The unique light-colored dome with dark contrasting baseplate is a registered trademark of KVH Industries, Inc.