

Tread® XL - Overland Edition Product Specifications	
<b>Physical &amp; Performance:</b>	
Display Size	8.5"W x 5.3"H (21.7 cm x 13.6 cm); 10.1" diagonal (25.7 cm)
Battery type	rechargeable lithium-ion
Display resolution	1280 x 800 pixels
GPS	Yes
Dimension	9.9"W x 7.8"H x 1.2"D (25.2 x 19.9 x 3.1 cm)
Weight	32.8 oz (930 g)
Display Type	multi-touch, glass, high brightness HD color TFT with white backlight
Battery life	Up to 6 hours at 50% backlight Up to 1 hour at 100% backlight
Waterproof	IPX7
<b>Maps &amp; Navigation:</b>	
Navigate-a-track navigation	Yes
Preloaded street maps	Yes
External memory storage	yes (256 GB max microSD™ card)
Ability to add maps	Yes
<b>Features:</b>	
Ultimate Public Campgrounds	Yes
Wi-Fi® map and software updates	Yes
Automatically identifies areas of biggest time gain	No
Parking Guard (alerts you to vehicle impacts)	No
Round trip routing	Yes
Speed limit changes	Yes
Speed limit indicator (displays speed limit for most major roads in the U.S. and Europe)	Yes
Max number of controllers* for pairing with a PowerSwitch device *Controller is defined by a user's smartphone, mobile device or compatible Garmin navigator (sold separately)	No
Magnetic Mount	locking magnet-assisted mount
Access to live services via app (traffic, weather, etc.)	Yes
Vault compatible (secure online video storage)	No
Interior and exterior recording	No
Rider alert warnings for sharp curves, state helmet laws, speed cameras and more	No
Preloaded private land parcel maps	yes (parcels greater than 4 acres)
Service History Log	Yes
Garmin Connect™ compatible	No
Current weather plus 5 day forecast via Wi-Fi	No
Simple truck profile	No
Trendy Places™ best stops along route	No
LiveTrack via app	No

RV Parks & Services directory	Yes
Group Ride Mobile	yes (with Garmin Tread app)
True Optimal Lap™ with video	No
Voice-activated navigation (operate device with spoken commands)	No
Built-in inReach® Technology (requires active subscription; subject to regulations or prohibitions in some jurisdictions)	Yes
Headphone jack/audio line-out	No
Control music and media from smartphone or MP3 player	Yes
Michelin® The Green Guide	No
Number of switch outputs	No
Route shaping through preferred cities/streets	Yes
Stream media and Alexa responses through vehicle stereo	No
Trucking points of interest	No
Requires cellular data connection	No
Driving performance scores	No
True Track Positioning™ (your racing line)	No
Wireless ANT+® technology	No
Segment analysis (racing line, speed and acceleration/deceleration)	No
Roadtrip Routes™ adventurous routes	No
Pair with compatible inReach® devices	No
Smart notifications via app	Yes
Truck & Trailer Services directory	No
Dust rating	IP6X
Mile marker info - Trucking	No
Includes map updates	Yes
Barometric altimeter	Yes
Dual-orientation display	Yes
Planned & dynamic fuel stops	No
Includes traffic	yes (with Garmin Tread app)
Handlebar mount (up to 1")	No
Fist mic compatibility	No
Compatible with external inReach® satellite antenna	Yes
Pitch and Roll gauges	Yes
Sunrise/sunset times - RV	No
Mile marker info - RV	No
Max number of PowerSwitch devices for pairing with a controller* *Controller is defined by a user's smartphone, mobile device or compatible Garmin navigator (sold separately)	No

State & country border notices - Trucking	No
Motorcycle or powersports specific points of interest for cycle repair services, dealers and more	Yes
Radio Frequency Band	No
State border notices - RV	No
PrePass weigh station notifications and bypass decisions	No
Helmet law notifications	No
2 microphones; beam-forming technology	No
Drop rating	MIL-STD-810
Load-to-dock guidance	No
Track support	No
Turn-by-turn trail navigation	Yes
Radio transmitted canned messages	No
Birdseye Satellite Imagery (download via Wi-Fi)	Yes
Internal storage	64 GB
HOS violation warnings	No
1" ball adapter with AMPS plate	No
Data cards	microSD™ card (not included)
Built-in Alexa	No
Screw-down mount	No
Garmin Real Directions™ landmark guidance	Yes
Lane assist with junction view (displays junction signs)	Yes
Backup camera compatible	yes (BC™ 50)
iOverlander™ points of interest	Yes
Clarity™ HDR	No
Max amps per switch output	No
Sunlight readable and weather resistant	Yes
Group Ride voice communications	No
Includes automotive mount	No
Supports multiple users	No
IFTA fuel logging capability	No
Local Spots™ nearby recommendations	No
Stores history of all on-track performance	No
Group Ride update rate	No
Preloaded topographical maps	Yes
Number of hardwire inputs	No
Track recorder (breadcrumbs)	Yes
Preloaded USFS Roads and Trails, including motor-vehicle-use-maps for motorcycle, ATV, SXS and full-size 4x4	Yes
VIRB® control	No

GLONASS	No
Downloadable Satellite Imagery	yes (BirdsEye)
Preloaded global track database	No
TripAdvisor® Traveler Ratings	Yes
Specialized routing for the size and weight of your vehicle	yes
Group Ride tracking	No
Built-in Spotify® & Pandora® music players	No
Removable battery	No
Audio line-out/headphone jack	No
Live View (Wi-Fi® connection required)	No
Garmin Adventurous Routing™	Yes
Glove-friendly touchscreen	Yes
Environmental Zones Routing	No
High Definition 3D terrain	Yes
Dog tracking	yes (when paired to compatible dog track system)
Powered magnetic mount	No
Image processing	No
<u>BirdsEye Direct Satellite Imagery</u>	Yes
Session comparisons	No
BLUETOOTH® pairing	yes (works with BLUETOOTH-compatible helmet, headset or smartphone; BLE capable)
Elevation profile	Yes
<u>Custom map support</u>	Yes
Sunrise/sunset times - Trucking	No
3D Terrain	Yes
Compatible with Group Ride Radio	Yes
TOPO map support	Yes
Point-to-point navigation	Yes
1.5" ball adapter with AMPS plate	Yes
Millions of Foursquare® points of interest	No
Tube mount (1.5" - 2.375")	No
Built-in accelerometers	No
Interior night vision	No
GPS speed and location info in video	No
Built-in dash camera with automatic incident detection	No
Driver alerts for sharp curves, school zones, red light and speed camera warnings and more	No
Preloaded US public land boundaries	Yes
Compatible with external GPS antenna with mount	Yes
Camera-assisted features for forward collision warnings, lane departure warnings and "Go" alert.	No
Real-time audio cues/audio coaching	No

Displays best lap time, adaptive delta time, number of laps and total session time	No
Supports multiple cars	No
Downloadable USGS Quad Sheets	No
Road elevations	yes
Max amps total	No
10 Hz multi-GNSS positioning	Yes
Pair with Garmin PowerSwitch™ digital switch box	Yes
Easy Route Planner with GPX file sharing	Yes
Compass	Yes
Compatible with Garmin Explore™ app	No
Galileo	Yes
Truck-specific speed limits	No
Incident Detection (G-Sensor)	No
Popular truck route data	No
3-D buildings and terrain	No