

Garmin Tread & Tread XL - Overland Edition Specifications

	Tread - Overland Edition	Tread XL - Overland Edition
General		
Physical dimensions	8.1"W x 6.7"H x 1.2"D (20.7 x 16.9 x 3.1 cm)	9.9"W x 7.8"H x 1.2"D (25.2 x 19.9 x 3.1 cm)
Display size	6.8"W x 4.2"H (10.8 cm x 17.2 mm); 8" diagonal (20.3 cm)	8.5"W x 5.3"H (21.7 cm x 13.6 cm); 10.1" diagonal (25.7 cm)
Display resolution	1280 x 800 pixels	1280 x 800 pixels
Display type	multi-touch, glass, high brightness HD color TFT with white backlight	multi-touch, glass, high brightness HD color TFT with white backlight
Dual-orientation display	✓	✓
Weight	22.8 oz (646 g)	32.8 oz (930 g)
Battery type	rechargeable lithium-ion	rechargeable lithium-ion
Battery life	Up to 6 hours at 50% backlight Up to 1 hour at 100% backlight	Up to 6 hours at 50% backlight Up to 1 hour at 100% backlight
Water rating	IPX7	IPX7
Drop rating	MIL-STD-810	MIL-STD-810
Dust rating	IP6X	IP6X
Magnetic Mount	locking magnet-assisted mount	locking magnet-assisted mount
1.5" ball adapter with AMPS plate	✓	✓
Maps & Memory		
Preloaded street maps	✓	✓
High Definition 3D terrain		
Data cards	microSD™ card (not included)	microSD™ card (not included)
3D Terrain	✓	✓
Internal storage	64 GB	64 GB
Ability to add maps	✓	✓
External memory storage	yes (256 GB max microSD™ card)	yes (256 GB max microSD™ card)
Includes map updates	✓	✓
Downloadable Satellite Imagery	yes (BirdsEye)	yes (BirdsEye)
Sensors		
GPS	✓	✓
Galileo	✓	✓
10 Hz multi-GNSS positioning	✓	✓
Barometric altimeter	✓	✓
Compass	✓	✓
Outdoor Recreation		
Point-to-point navigation	✓	✓
Preloaded topographical maps	✓	✓
Preloaded US public land boundaries	✓	✓
Preloaded private land parcel maps	yes (parcels greater than 4 acres)	yes (parcels greater than 4 acres)
Preloaded USFS Roads and Trails, including motor-vehicle-use-maps for motorcycle, ATV, SXS and full-size 4x4	✓	✓
Navigate-a-track navigation	✓	✓
Turn-by-turn trail navigation	✓	✓
Navigation Features		
Garmin Real Directions™ landmark guidance	✓	✓
TripAdvisor® Traveler Ratings	✓	✓
Route shaping through preferred cities/streets	✓	✓
Includes traffic	yes (with Garmin Tread app)	yes (with Garmin Tread app)
Lane assist with junction view (displays junction signs)	✓	✓
Speed limit indicator (displays speed limit for most major roads in the U.S. and Europe)	✓	✓
Driver alerts for sharp curves, school zones, red light and speed camera warnings and more	✓	✓
Advanced Features		
Smart notifications via app	✓	✓
Wi-Fi® map and software updates	✓	✓
Access to live services via app (traffic, weather, etc.)	✓	✓
Motorcycle Features		

Glove-friendly touchscreen	✓	✓
Control music and media from smartphone or MP3 player	✓	✓
Sunlight readable and weather resistant	✓	✓
Garmin Adventurous Routing™	✓	✓
Motorcycle or powersports specific points of interest for cycle repair services, dealers and more	✓	✓
Elevation profile	✓	✓
Round trip routing	✓	✓
Service History Log	✓	✓
Custom map support	✓	✓
TOPO map support	✓	✓
RV Features		
Specialized routing for the size and weight of your vehicle	✓	✓
RV Parks & Services directory	✓	✓
Road elevations	✓	✓
Speed limit changes	✓	✓
Easy Route Planner with GPX file sharing	✓	✓
Adventure Features		
Built-in inReach® Technology (requires active subscription; subject to regulations or prohibitions in some jurisdictions)	✓	✓
Pair with Garmin PowerSwitch™ digital switch box	✓	✓
Compatible with Group Ride Radio	✓	✓
Compatible with external GPS antenna with mount	✓	✓
Compatible with external InReach® satellite antenna	✓	✓
Group Ride Mobile	yes (with Garmin Tread app)	yes (with Garmin Tread app)
Track recorder (breadcrumbs)	✓	✓
iOverlander™ points of interest	✓	✓
Ultimate Public Campgrounds	✓	✓
Pitch and Roll gauges	✓	✓
Birdseye Satellite Imagery (download via Wi-Fi)	✓	✓
Outdoor Applications		
Dog tracking	yes (when paired to compatible dog track system)	yes (when paired to compatible dog track system)