

Specifications : eXplorist 100 Europe

Product Number	980771-08
Base Map	No Map
Coverage	Europe
Number of Screens	4
Screens-Types	Plotter, Compass, Position, Satellite Status
Position Update Rate (per second)	1
Time to First Fix: Cold	< 2 Minutes
Time to First Fix: Warm	< 1 Minute or 60 Seconds
Time to First Fix: Hot	< 15 Seconds
Maximum Velocity (mph/km/h)	951 mph/1530.5 km/h
Unit Width (inches/cm)	2.2in/5.6cm
Unit Height (inches/cm)	4.7in/11.9cm
Unit Depth (inches/cm)	1.3 in/3.3 cm
Weight (oz/gm)	5.8 oz/164.4g with batteries
Display Width (in/cm)	1.4 in/3.6 cm
Display Height (in/cm)	1.8 in/4.6 cm

Display Resolution	160 x 122
Antenna	Patch
Backlit Display	Yes
Backlit Keypad	No
Construction	Rubber Armored Impact Resistant Plastic
Horizontal Accuracy (meters)	<7
Horizontal Accuracy (%RMS)	2D RMS 95%
Horizontal Accuracy -RMS w/ WAAS or EGNOS (meters)	<8 without WAAS coverage <5 with WAAS coverage
Vertical Accuracy (meters RMS)	<10
Velocity (knots RMS)	0.1
Plotter Range Minimum (mi/km)	.1mi / 0.035km
Plotter Range Maximum (mi/km)	1,700 mi/2,700 km
Battery Type	2 AA
Battery Quantity	2
Battery Life (hours)	18 hours
Receiver (parallel channels WAAS/EGNOS enabled)	14 GPS satalites with 2 dedicated to WAAS
Receiver WAAS/EGNOS Enabled	Yes

Uploadable Memory Form Factor	None
Uploadable Memory Limit (megabytes)	N/A
User Data Backup	Flash Memory - Indefinite
Buoyancy	No
Emissions Certification - Immunity (EN 55022 Class B)	Yes
Emissions Certification - Susceptibility (EN 50082-1)	Yes
Operating Temp Min (F/C)	14F/-10C
Operating Temp Max (F/C)	140F/60C
Operating Altitude Max (ft/m)	60,000ft/18,600m
Waypoints	500
Routes	20
Trackpoints	2000
Grids	Lat/Lon, UTM, OSGB,MGRS, Finnish, German, Swedish, French, Irish, Swiss, USNG, User Grid
Datums	75
User-defined Datums	1
Data Input	No
Data Input (RTC M104 Standard)	No

Data Output (NMEA 0180 V1.5 Standard)	No
Data Output (NMEA 0183 V1.5 Standard)	No
Data Output (NMEA 0183 V2.1 Standard)	No
DGPS Ready	No
Languages	English, French, German, Spanish, Italian, Swedish, Finnish, Portuguese, Dutch, Norwegian
Optional accessories also sold separately	Carrying Case, Swivel Mounting Bracket, Vehicle Mounting Bracket, and Bike Mount Bracket
Package Contents	Unit, Manual, Quick Start Guide
Alarms	No
Vertical Profiles	No
Display	4-Level Grayscale