

	GPSmap 66s	GPSmap 64s
	Rugged, button-operated multi-GNSS handheld with BirdsEye Satellite Imagery	Rugged, button-operated GPS/GLONASS handheld with built-in sensors
General		
Physical dimensions	6.2 x 16.3 x 3.5 cm	6.1 x 16.0 x 3.6 cm
Weight	230 g with batteries	230 g with batteries
Water rating	IPX7	IPX7
Battery	2 AA batteries	2 AA batteries
Display type	transflective color TFT	transflective, 65-K color TFT
Display size	3.8 x 6.3 cm; diag 7.6 cm	3.6 x 5.5 cm; diag 6.6 cm
Display resolution	240 x 400 pixels	160 x 240 pixels
Battery life in GPS mode	16 hours	16 hours
Battery life in expedition mode	1 week	-
Internal storage	16 GB	4GB
Memory/History		
High-sensitivity receiver	yes	yes
Interface	high-speed USB and NMEA 0183 compatible	high-speed USB and NMEA 0183 compatible
Maps & Memory		
Ability to add maps	yes	yes
Basemap	yes	yes
Storage and Power Capacity	microSD™ card (not included)	microSD™ card (not included)
Waypoints/favorites/locations	10,000	5,000
Routes	250	200
Track log	20000 points, 250 saved gpx tracks, 300 saved fit activities	10,000 points, 200 saved tracks
Preloaded maps	basemap only	basemap only
Sensors		
Barometric altimeter	yes	yes
Compass	Yes (tilt-compensated 3-axis)	Yes (tilt-compensated 3-axis)
Outdoor Recreation Features		
Area calculation	yes	yes
Automatic routing	Yes (with optional mapping for detailed roads)	Yes (with optional mapping for detailed roads)
Geocaching-friendly	Yes (Paperless)	Yes (Paperless)
Custom maps compatible	yes	yes
Hunt/fish calendar	yes	yes
Sun and moon information	yes	yes
Picture viewer	yes	yes
Garmin Connect™		
Garmin Connect™ compatible	yes	yes
Additional		
Garmin Explore compatible	yes	-
Garmin Connect IQ compatible	yes	-
Wireless compatible	yes (Wi-Fi, Bluetooth and ANT+)	-
Map segments	15,000	-
Active weather	yes	-
Smart Notifications	yes	yes
Live Tracking	yes (with Garmin Connect™ Mobile)	yes (with Garmin Connect™ Mobile)
BirdsEye direct to device	yes (no annual subscription required)	-
MIL STD 810G ruggedness for thermal, shock and water performance		-
RINEX Logging	Android API services to log your device's raw GNSS measurement data into a RINEX file	-