

active 20

TECHNICAL SPECIFICATIONS

Weight:	Dimensions:
Unit Only: 192 g	Length: 147 mm
LiPol Battery: 118 g	Width: 71 mm
Total: 310 g	Depth: 35 mm

GPS	u-Blox M8 32 channel multi-GNSS receiver (GPS/GLONASS/GALILEO/SBAS, etc.) 25mm Patch Antenna
Screen	3.5" LCD Capacitive TFT (480 x 320, HVGA, Transmissive) Sunlight Readable Display / Variable Backlight (550 cd) Night Vision Setting – Red Filter Sunlight Setting – Sun Filter Screen Capture Function
TouchScreen / Button Functionality	DualControl: Buttons or Touchscreen Turn off option for Touchscreen, and use buttons only
Processor	Freescale IMX6 – 1GHz processor Fast map panning & zooming Fast route handling and User Interface response.
Rugged Design	Waterproof (IP68 in excess of 1.5 hours @ 1.5m depth) Drop-proof, Shockproof (IK7, 1m onto concrete).
Bluetooth Smart Ready	Peer-to-Peer data sharing for Routes and POIs Heart Rate Monitor Compatible (Bluetooth Smart) Bike Speed & cadence Compatible (Bluetooth Smart) Future Data Connectivity Functions
Wi-Fi Connectivity	Wi-Fi connectivity for software updates and data sync with Satmap Xpedition
Barometric Altimeter	For high accuracy Pressure and Elevation Data. Height data from either Altimeter, GPS or Map
Geocaching	Fully compatible with geocaching.com files (download coordinates, images, hints and spoilers from website, via SatSYNC software)
USB 2.0	Data Upload / Download Unit connectivity with PC/Mac via SatSYNC and Explorer window.
Memory	220 MB Operating Memory (RAM) 455 MB Internal Storage (FLASH)
Map Cards	High Capacity SD Card drive (up to 32GB) 450 Map titles available (2017)
Compass	Integral 3-axis Electronic Compass GPS Based Compass Direction Indicator
Route Planning	Plot Routes Directly on Unit Unlimited Waypoints Trip Log Display for Key Statistics Trail Recording Feature GPX/TCX File Route Sharing
Customisation	Personalise map with POIs (Points of Interest) Plot lines, shapes and boundaries Add points and grid overlays to mark areas Add information in text and image format Map orientation options for enhanced visibility (North Up, Track Up)
Power Options	5000 mAh Long duration LiPol Battery Pack, with In-Unit charging 3 x AA Battery caddy (optional extra, Lithium AA recommended) Car Charger / Solar Charger (not supplied) Compatible All recent Satmap MapCards are compatible between the Active 10, 12 and 20.