

EASYNV EMG100 — 2.5D SYSTEM SPEC SHEET

POSITIONING

System accuracy	±30 mm (manufacturer rating)
GNSS	Dual antennas · GPS, GLONASS, BeiDou, Galileo, QZSS · L-Band
Antenna rating	IP68

SENSORS

IMU accuracy	±0.05° static / ±0.1° dynamic
IMU rating	IP69K · 115 g · 48.9 × 109 × 27.3 mm
Power input	7–36 V DC
Operating temp	–40°C to +75°C

DISPLAY

Screen	10.1" · 1024 × 600 · 750 cd/m ²
Compute	Android · 4-core 1.2 GHz · 2 GB / 16 GB
Rating	IP65 · 281 × 181 × 42 mm · 1.5 kg
Operating temp	–30°C to +70°C

CONNECTIVITY

Wireless	Wi-Fi · Bluetooth · 4G LTE
Radio	External radio support
Ports	CAN · RS232

MACHINE FIT

Boom types	Swing boom · triple boom · tilt bucket · offset boom
Install & calibration	<2 h mounting · ~30 min calibration per bucket
Guidance	Depth & slope from field reference · user-defined buckets · live cut/fill volumes

Manufacturer ratings from published CHCNAV datasheets. Field performance depends on site conditions, RTK corrections and installation quality. Indicative pricing on request — Sales & support: 1300 277 689.