

M40 Specifications	
General specifications	
Total weight (W/O batteries)	25 kg
Max. take-off weight	72 kg
Dimensions (Propeller and arms unfolded)	2435 x 2541 x 752 [mm]
Dimensions (Arms folded)	979 x 683 x 752 [mm]
Max. hovering time	Unloaded: 20 min, Loaded (MTOW): 7.5 min
GPS	GPS, GLONASS, Galileo, BeiDou
Hovering precision	±10 cm (RTK) ±2 m (without RTK)
Rotor dimensions	43 x 14
Motor dimensions	120 x 45 mm
Motor KV value	95 KV
Battery capacity	25000 mAh
Battery voltage	51.8V
Battery weight	9.4 kg
Execution of work	
Easy transportability	✓
Modular payload attachability	✓
Obstacle avoidance	RTK-based
FPV camera	1080p One axis gimbal
Effective signal range of RC	~8 km
Altitude measurement	LIDAR
Flight planning	
Software source code	Open
Flight plan creation on a pc	✓
Handling of SHP and KML files	SHP and KML
Software compatibility	✓
Downward facing camera for obstacle selection	✓
Data security	✓
No data transmission to remote servers	✓
Frequency bands	
GNSS receiver	1.58GHz
Radio Control and Telemetry	2.4GHz
WLAN	5GHz