

ANNEX A – SPECIFICATION

No	DESCRIPTION
1	Aircraft Specification • Takeoff Weight : 1219 g • Max Takeoff Weight: 1420 g • Dimensions (Folded, L × W × H): 260.6 × 113.7 × 138.4 mm • Dimensions (Unfolded, L × W × H): 307.0 × 387.5 × 149.5 mm • Max Payload: 200 g • Diagonal Wheelbase: 438.8 mm • Max Ascent Speed: 10 m/s • Max Descent Speed: 8 m/s • Max Horizontal Speed: 21 m/s (forward) • Max Wind Resistance: 12 m/s (takeoff/landing) • Max Flight Time (no wind): 49 min • Max Hover Time (no wind): 42 min • Max Flight Distance (no wind): 35 km • Operating Temperature: -10°C to 40°C • Hovering Accuracy: ±0.1 m (Vision), ±0.5 m (GNSS), ±0.1 m (RTK)
2	Visual Payload (RGB Sensors) • Wide-Angle Camera: 1/1.3-inch CMOS, 48 MP; FOV: 82° • Medium Telephoto Camera: 1/1.3-inch CMOS, 48 MP; FOV: 35° • Telephoto Camera: 1/1.5-inch CMOS, 48 MP; FOV: 15° • Still Photography: Single / Interval (12/48 MP), Smart Shooting (12 MP), Panorama (12 MP raw / 100 MP stitched); Min Interval: 0.7 s • Video Recording: Up to 4K @ 30fps (H.264/H.265); Max Bitrate: 60 Mbps (H.264) • Digital / Hybrid Zoom: Up to 16x (Telephoto); 112x hybrid zoom overall capability. • Infrared Thermal Camera • Resolution: 640 × 512 pixels • Digital Zoom: 28x • Video Stream Resolution: 1280 × 1024 @ 30fps (Super Res), 640 × 512 @ 30fps
3	Gimbal, Sensing & Navigation • Gimbal Stabilization: 3-axis (tilt, roll, pan) • Gimbal Mechanical Range: Tilt: -140° to +113° Roll: -52° to +52° Pan: -65° to +65° • Gimbal Controllable Range: Tilt: -90° to +35° Pan: Uncontrollable (manual/MSDK)
4	Laser Rangefinder & Auxiliary Lighting • Measurement Range: 1800 m (1 Hz, 20% reflectivity); Oblique Measurement (1:5 ratio): 600 m • Blind Zone: < 1 m

No	DESCRIPTION
5	Power • Intelligent Flight Battery: 6741 mAh, 14.76 V (4S Li-ion), 99.5 Wh Weight: 401 g Max Cycles: 200 • Storage & Expansion: microSD Card (U3/V30+ rated; 64 GB to 512 GB recommended)
6	Accessories • Intelligent Flight Battery, RC Plus 2 Enterprise Controller, 100W USB-C Charger, Charging Hub, 3x Propeller Pairs, microSD Card, Gimbal Protector, Cellular Dongle, Cables, HDMI Cables, Storage Hard Case. • Cellular dongle 2. 