

Specifications (March 2017)

In action for public health: MATTERNET M2



General

- Make: Matternet
- Model: M2 V7
- Swiss FOCA Certified: March 2017
- Aircraft type: Quadcopter
- Propulsion: Electric motors
- Power: Lithium-ion battery
- Communications: GSM Cellular

Vehicle

- Dimensions (without propellers):
80 x 80 x 26 cm
- Dimensions (with propellers):
128 x 128 x 26 cm
- Empty weight (with battery): 9.5 kg
- Max gross takeoff weight: 11.5 kg
- Max range (no wind, at sea level):
20 km with 1 kg
- Cruise speed: 10 m/s
- Cruise altitude: 120 m AGL

Payload Capacity

- Weight: 2 kg
- Volume: 4 L
- Dimensions: 19 x 11 x 13 cm

Weather Performance

- Max demonstrated airspeed: 12 m/s
- Temperature: -10 to +40 °C
- Flight into rain* and known icing conditions prohibited

Command and Control

- GSM connectivity to Matternet Cloud for automated operations
- Commanded through Matternet iPhone app

Safety Features

- Automatically-deployed parachute
- Multi-factor 3D geofence

* Rain performance capability expected June 2017

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