

dji ENTERPRISE

MAVIC 3 MULTISPECTRAL



DJI Enterprise Philippines [f](#) [v](#) [in](#)



MAVIC 3 MULTISPECTRAL

See More, Work Smarter

Effective aerial surveying needs to see the invisible. That's why Mavic 3 Multispectral has two forms of sight. It combines an RGB camera with a multispectral camera to scan and analyze crop growth with total clarity. Agricultural production management requires precision and data, and Mavic 3M delivers both.

Compact and Portable

Foldable for easy storage

Multispectral Camera

4 × 5 MP
G/R/RE/NIR

RGB Camera

20 MP 4/3 CMOS,
mechanical shutter

Precise Positioning

Centimeter-level RTK
positioning
Synchronization at
microsecond level

Safe and Stable

Omnidirectional
obstacle avoidance^[1]
15 km transmission
distance^[2]

Efficient Aerial Surveying

Up to 200 hectares
per flight^[3]

TECHNICAL SPECIFICATION

KEY FEATURES	42-Min Max Flight Time 20MP 4/3 inch CMOS RGB Camera 4 × 5 MP Multispectral Camera, G/R/RE/NIR Sunlight Sensor O3 Transmission RTK Module
WEIGHT	951 g
OPERATING TIME	43-Min Max Flight Time (no wind) 3 hours DJI RC Pro
IP RATING	Not Applicable
PHOTOGRAPHY	4/3 inch CMOS 20MP RGB Camera (JPEG, DNG, RAW) H.264, 4K/30fps, FHD/30fps 1/2.8-inch CMOS 5 MP Multi-spectral Camera
MAX VIDEO TRANSMISSION	8 KM
MAX SPEED	68.4 kph (S mode)
MAX CEILING ABOVE SEA LEVEL	6000m without payload
OBSTACLE SENSING	Omidirectional - Forward, Backward, Lateral, Upward, Downward
WIND RESISTANT	Level 6 (12 m/s)
VIDEO TRANSMISSION SYSTEM	DJI O3 Image Transmission Industry Edition RC Pro: 1080p/30fps live feed 4 antennas, 2T4R
DIMENSIONS	Folded (without propellers) 221×96.3×90.3 mm (L×W×H) Unfolded (without propellers) 347.5×283×107.7 mm (L×W×H)