Original DJII Drone Matrice 4 SERIES

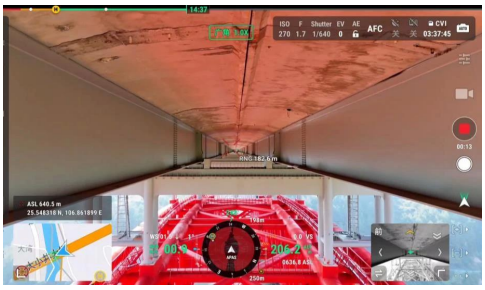
Built-in RTK Module
Support the extended L5 frequency band

Preloading Obstacle Data
Automatic preloading of elevation data
Preloading detailed map/model
Automatic RTH path planning

Anti-interference
Capable of maintaining aircraft stability under GNSS interference

Fusion Positioning
Low-light fisheye vision sensors
Vision assisted positioning
Update home point via visual positioning

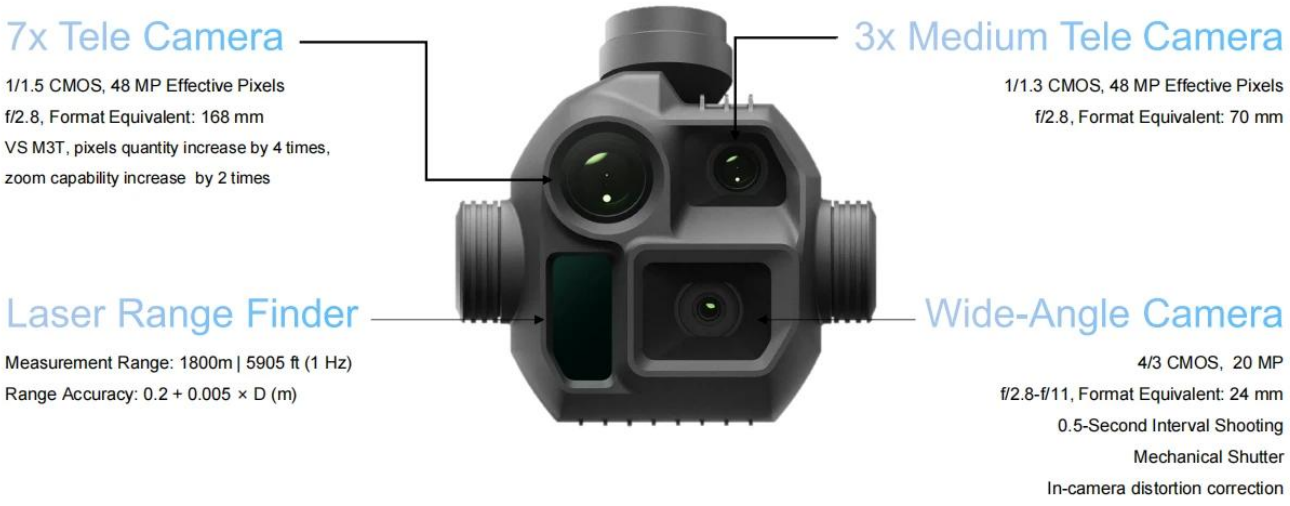
Enhanced Vision Positioning and Obstacle Avoidance



Vision Positioning
When GNSS is week or lost, the vision system can improve aircraft stability, for scenarios like bridge inspection

Enhanced Obstacle Avoidance
Improved obstacle avoidance algorithms make it possible to avoid thin objects

Matrice 4E



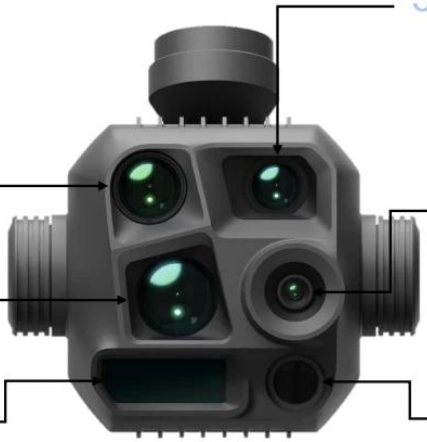
Matrice 4T

Thermal Camera

640 × 512, f/1.0, 53 mm equivalent focal length
UHR Infrared Image, image resolutions up to
1280 × 1024

3x Medium Tele Camera

1/1.3 CMOS, 48 MP Effective Pixels
f/2.8, Format Equivalent: 70 mm



7x Tele Camera

1/1.5 CMOS, 48 MP Effective Pixels
f/2.8, Format Equivalent: 168 mm
VS M3T, pixels quantity increase by 4 times,
zoom capability increase by 2 times

Wide-Angle Camera

1/1.3 CMOS, 48 MP Effective Pixels
f/1.7, Format Equivalent: 24 mm

Laser Range Finder

Measurement Range: 1800 m | 5905 ft (1 Hz)
Range Accuracy: 0.2 + 0.005 × D (m)

NIR Auxiliary Light

FOV: 6°
Illumination Distance: 100 m | 328 ft