

DJI DOCK 3

Drone Automation & AI for Every Industry

MINING



POWERLINE



URBAN AREA



SOLAR PARK





DJI Dock 3 Overview

Equipped with DJI Matrice 4TD and DJI Matrice 4D high-performance drones, DJI Dock 3 empowers 24/7 remote operations. And for the first time, **supports mobile vehicle-mounted deployment**, effortlessly adapting to various environments. The drones utilize the same camera as the DJI Matrice 4 Thermal & DJI Matrice 4 Enterprise, but offer improved flight and protection performance. They can also pair with DJI RC Plus 2 Enterprise for standalone use. With DJI FlightHub 2's intelligent features, pilots can significantly cut down on operational time and labor costs, maximizing efficiency and savings.

DJI Dock 3 Key Features

1. Customizable AI - Processing & Analyzing Data (change detection, sign, defect, anomalies, stockpile comparison)
2. Flight Range & Performance up to 10 km range (anti-interference)
3. Remote Area - Fully Automated Operations
4. Two powerful drone types which enable any type of mission (Security, Survey & Mapping, Fire Monitoring, Inspection)
5. Outstanding Weather Resistance:
 - IP Rating: DJI Dock 3 IP56 | Matrice 4D Series IP55
 - Operating Temperature: -30° to 50° C
 - Waterproof & Dustproof

Thermal Camera

Image resolutions: 1280 x 1024

Tele Camera

48 MP Effective Pixels

Laser Range Finder

Measurement Range: 1800m



DJI MATRICE 4TD

Mid-Tele Camera

48 MP Effective Pixels

Wide-Angle Camera

48 MP Effective Pixels

NIR Auxiliary Light

Fov: 6° Illumination Distance: 100m

Tele Camera

48 MP Effective Pixels

1/1.5 CMOS

vs M3D pixels quantity increase by 4 times

zoom capability increase by 2 times

Laser Range Finder

Measurement Range: 1800m



DJI MATRICE 4D

Mid-Tele Camera

48 MP Effective Pixels

Wide-Angle Camera

20 MP, 4/3 CMOS

0.5 second interval shooting

Mechanical Shutter

In-camera distortion correction