



DJI MATRICE M30T

Commercial drone for drone operations in the BOS segment

Purpose: With the M30 series, DJI Enterprise has developed a new generation of commercial drones especially for industrial applications.

The M30T is particularly suitable for the BOS segment and is characterised above all by a powerful flight performance that guarantees operational capability in wind and weather. With its fixed camera system consisting of thermal, zoom and wide-angle cameras, it is ideally equipped for all missions. In addition, it is very quickly ready for use due to its easy folding and transport.

With the M30T, reliable protection of the drone operation is ensured by vision and TOF sensors on all six sides of the aircraft. With two TB30- batteries, the maximum

flight time of 41 min can be exhausted. Additional batteries can be charged in the included BS30 charging station and quickly changed using the hot-swap function.

The Matrice 30T is controlled with the DJI Pilot 2 software. Here, DJI has placed a great deal of focus on the topic of data security and, in addition to AES encryption of the SD card and a local data mode, offers further options for securely managing and saving your own data. In addition, there is the possibility to plan and execute missions.

Further information is available at:
<https://droniq.de/djimatrice30t>

Product features:

- Unique and comprehensive data collection from the air
- Extremely reliable even under the most extreme conditions
- Easy to fold and ready for use anywhere
- Fast and easy handling
- Excellent image quality



Technical data:

AIRCRAFT

Dimensions

- Unfolded, without propeller, 470 × 585 × 215 mm (L×W×H)
- Folded, with propeller, 65 × 215 × 195 mm (L×W×H)

Diagonal length

- 668 mm

Weight (incl. two batteries)

- 3770 g

Max. Take-off weight

- 4000 g

Operating frequencies

- 2,4000 - 2,4835 GHz; 5,725 - 5,850 GHz

Max. Flight time

- 41 min

Hovering accuracy (mode "P" with GPS)

- Vertical:
 - ±0.1 m (vision sensors activated)
 - ±0.5 m (GPS activated)
 - ±0.1 m (RTK activated)
- Horizontal:
 - ±0.3 m (vision sensors activated)±1.5 m (GPS activated)
 - ±0.1 m (RTK activated)

Positioning accuracy

When RTK is activated and mounted:

- Horizontal: 1 cm + 1 ppm
- Vertical: 1.5 cm + 1 ppm

Max. Flight altitude

- 5,000 m (with 1671 propellers)
- 7,000 m (with 1676 propellers)

Max. Airspeed

- 23 m/s

Camera system

- Thermal camera
- Wide-angle camera
- Zoom camera
- Laser rangefinder

Max. Wind resistance

- 15 m/s
- 12 m/s during take-off and landing

Protection class

- IP55

SCOPE OF DELIVERY

- 1x DJI Matrice M30T
- 1x DJI BS30 charging station
- 1x DJI RC Plus (incl. DJI Pilot 2 App)
- 1x transport case
- 1x 1671 Propeller (CW)
- 1x 1671 Propeller (CCW)
- 1x USB-C cable
- 1x USB-C to USB-C cable
- 1x screws & tool set
- 1x DJI Care Enterprise Basic (1 year)
- 1x Maintenance Standard maintenance service during the period of the DJI Care Enterprise Basic