

Specs

DJI RC Pro

Video Transmission

- **Video Transmission System**
 - O3+
- **Max Transmission Distance (unobstructed, free of interference)**
 - 15 km (FCC); 8 km (CE/SRRC/MIC)
- **Operating Frequency [1]**
 - 2.400-2.4835 GHz; 5.725-5.850 GHz
- **Antennas**
 - 4 Antennas, 2T4R
- **Transmitter Power (EIRP)**
 - 2.4 GHz: ≤ 33 dBm (FCC); ≤ 20 dBm (CE/SRRC/MIC)
- - 5.8 GHz: ≤ 33 dBm (FCC); ≤ 14 dBm (CE); ≤ 23 dBm (SRRC)

Wi-Fi

- **Protocol**
 - 802.11a/b/g/n/ac/ax Support 2x2 MIMO Wi-Fi
- **Operating Frequency [1]**
 - 2.400GHz-2.4835 GHz; 5.725-5.850 GHz
- **Transmitter Power (EIRP)**
 - 2.4 GHz: ≤ 26 dBm (FCC); ≤ 20 dBm (CE/SRRC/MIC); 5.8 GHz: ≤ 26 dBm (FCC/SRRC); ≤ 14 dBm (CE)

Bluetooth

- **Protocol**
 - Bluetooth 5.1
- **Operating Frequency**
 - 2.400-2.4835 GHz
- **Transmitter Power (EIRP)**
 - ≤ 8 dbm

Screen

- **Resolution**
 - 1920×1080
- **Dimensions**
 - 5.5 inches
- **Frame Rate**
 - 60 fps
- **Brightness**
 - 1000 nits
- **Touch Control**
 - 10-point multi-touch

General Specs

- **Battery**
 - Li-ion (5000 mAh @ 7.2 V)
- **Charging Type**
 - Recommended to be charged with USB charger at 12 V or 15 V
- **Rated Power**
 - 12 W
- **Storage Capacity**
 - 32GB internal + expandable storage via microSD card
- **Charging Time**
 - 2 hours (with USB charger at 12 V), 1.5 hours (with USB charger at 15 V)

- **Operating Time**
 - 3 hours
- **Video Output Port**
 - Mini-HDMI port
- **Operating Temperature**
 - -10° to 40°C (14° to 104° F)
- **Storage Temperature Range**
 - Less than one month: -30° to 60° C (-22° to 140° F) One to three months: -30° to 45° C (-22° to 113° F) Three to six months: -30° to 35° C (-22° to 95° F) More than six months: -30° to 25° C (-22° to 77° F)
- **Charging Temperature**
 - 5° to 40° C (41° to 104° F)
- **Supported Aircraft Models [2]**
 - DJI Mavic 3
- **GNSS**
 - GPS + Galileo + GLONASS
- **Dimensions**
 - 183.27×137.41×47.6 mm (antennas folded, controllers not mounted)183.27×203.35×59.84 mm (antennas unfolded, controllers mounted)
- **Weight**
 - Approx. 680 g
- **Model**
 - RM510

Storage

- **Supported SD Cards**
 - SanDisk Extreme PRO 64GB V30 A2 microSDXC
SanDisk High Endurance 64GB V30 microSDXC
SanDisk Extreme 128GB V30 A2 microSDXC
SanDisk Extreme 256GB V30 A2 microSDXC
SanDisk Extreme 512GB V30 A2 microSDXC
Lexar 667x 64GB V30 A2 microSDXC
Lexar High-Endurance 64GB V30 microSDXC
Lexar High-Endurance 128GB V30 microSDXC
Lexar 667x 256GB V30 A2 microSDXC
Lexar 512GB V30 A2 microSDXC
Samsung EVO 64GB V30 microSDXC
Samsung EVO Plus 128GB V30 microSDXC
Samsung EVO Plus 256GB V30 microSDXC
Samsung EVO Plus 512GB V30 microSDXC
Kingston 128GB V30 microSDXC

Footnotes

- 1. 5.8 GHz is unavailable in some countries due to local regulations.
 2. DJI RC Pro will support more DJI aircraft in future. Visit the official website for the latest information.