

# RC PRO REMOTE CONTROLLER

## 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:  $\leq 33$  dBm (FCC);  $\leq 20$  dBm  
(CE/SRRC/MIC)

5.8 GHz:  $\leq 33$  dBm (FCC);  $\leq 14$  dBm (CE);  $\leq 23$   
dBm (SRRC)



## BLUETOOTH

### Protocol

Bluetooth 5.1

### Operating Frequency

2.400-2.4835 GHz

### Transmitter Power (EIRP)

$\leq 8$  dbm

## 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:  $\leq 26$  dBm (FCC);  $\leq 20$  dBm  
(CE/SRRC/MIC) 5.8 GHz:  $\leq 26$  dBm  
(FCC/SRRC);  $\leq 14$  dBm (CE)

## SCREEN

### Resolution

1920x1080

### Dimensions

5.5 inches

### Frame Rate

60 fps

### Brightness

1000 nits

### Touch Control

10-point multi-touch

**GRIDX**  
metering and control

# RC PRO REMOTE CONTROLLER

## 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, DJI Mavic 3 Cine, DJI Air 2S

### 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

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