



## Matrice 200 Series

### IN THE BOX:

Aircraft Body (with 1 Single Gimbal Connector)\*1  
Remote Controller \*1  
Landing Gear \*2  
CrystalSky 7.85" Monitor \*1  
WCH2 Charging Hub \*1  
WB37 Intelligent Battery \*2  
TB50-M200 Intelligent Flight Battery \*2  
Battery Charger \*1  
IN2CH Charging Hub \*1  
Propellers (Pair) \*4  
Power Cable \*1  
USB Cable (with Double A Ports) \*1  
Micro SD Card (16GB) \*1  
Carrying Case \*1  
Gimbal Damper \*3  
Propeller Mounting Plates \*1  
Vision System Calibration Plate \*1  
Battery Insulation Sticker \*4  
TB55 Intelligent Flight Battery \*2  
Single Upward Gimbal Connector \*1  
Dual Downward Gimbal Connector \*1  
GPS Kit \*1

### BUILT TO ENDURE

High-performance motors paired with 17-inch propellers ensure stable flight in strong winds.

The new dual-battery power system automatically heats batteries when flying in sub-zero temperatures, while an enclosed design ensures weather and water resistance, so you can fly in a wide range of environments.

- 7 km OPERATION RANGE
- 38 min MAX FLIGHT TIME
- IP43 level INGRESS PROTECTION
- 2 KG MAX PAYLOAD CAPACITY

### DEVELOP AND MANAGE YOUR FLEET

#### DJI FLIGHTHUB

Oversee your aerial operations remotely to view live inspections and manage your fleet of drones.

#### PAYLOAD SDK

Simply design a tool that best suits your deliverables and deploy it across your fleet.

#### ONBOARD SDK

Integrate an onboard computer to analyze in-flight data, or connect third party sensors, such as a LiDAR scanner

#### MOBILE SDK

330 Changebridge Road, Pine Brook NJ 07058



Develop personalized mobile apps to make flight planning and on-site data collection simpler, faster and repeatable.

<b>AIRCRAFT</b>			
<b>Model</b>	<b>M210 RTK</b>	<b>M210</b>	<b>M200</b>
<b>Package Dimensions</b>	31.1×15.4×11.4inch (790×390×290mm)	31.1×15.4×11.4inch (790×390×290mm)	31.1×15.4×11.4inch (790×390×290mm)
<b>Dimensions (Unfolded)</b>	34.9×34.6×16.1 inch (887×880×408 mm)	34.9×34.6×14.9 inch (887×880×378 mm)	34.9×34.6×14.9 inch (887×880×378 mm)
<b>Dimensions (Folded)</b>	28.2×11.3×9.3 inch (716×287×236 mm)	28.2×8.7×9.3 inch (716×220×236 mm)	28.2×8.7×9.3 inch (716×220×236 mm)
<b>Folding Method</b>	Folded Inward	Folded Inward	Folded Inward
<b>Diagonal Wheelbase</b>	25.3 inch (643 mm)	25.3 inch (643 mm)	25.3 inch (643 mm)
<b>Number Of Batteries</b>	2	2	2
<b>Weight (With Two TB50 Batteries)</b>	Approx. 4.42 kg	Approx.3.84kg	Approx. 3.80 kg
<b>Weight (With Two TB55 Batteries)</b>	Approx. 5.51 kg	Approx.4.57kg	Approx. 4.53 kg
<b>Max Takeoff Weight</b>	6.14 kg	6.14KG	6.14KG
<b>Max Payload (With Two TB50 Batteries)</b>	Approx.1.72 kg	Approx.2.3kg	Approx.2.34kg
<b>Max Payload (With Two TB55 Batteries)</b>	Approx.0.99 kg	Approx.1.57kg	Approx.1.61kg
<b>Hovering Accuracy (P-Mode With GPS)</b>	<b>Vertical:</b> ±1.64 feet (0.5 m) or ±0.33 feet (0.1 m, Downward Vision System enabled) or ±0.33 feet (0.1 m, RTK enabled) <b>Horizontal:</b> ±4.92 feet (1.5 m) or ±0.98 feet (0.3 m, Downward Vision System	<b>Vertical:</b> ±0.5, Downward Vision System enabled: ±0.1 <b>Horizontal:</b> ±1.5, Downward Vision System enabled: ±0.3	<b>Vertical:</b> ±1.64 feet (0.5m) or ±0.33 feet (0.1m, Downward Vision System enabled) <b>Horizontal:</b> ±4.92 feet (1.5m) or ±0.98 feet (0.3m,Downward



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	enabled) or $\pm 0.33$ feet (0.1 m, RTK enabled)		Vision System enabled)
<b>Max Angular Velocity</b>	<b>Pitch:</b> 300°/s <b>Yaw:</b> 150°/s	<b>Pitch:</b> 300° /s <b>Yaw:</b> 150° /s	<b>Pitch:</b> 300° /s <b>Yaw:</b> 150° /s
<b>Max Pitch Angle(Single Downward Gimbal)</b>	<b>P Mode:</b> 30° (Forward Vision System enabled: 25° ) <b>A Mode:</b> 30° <b>S Mode:</b> 35°	<b>P Mode:</b> 30° (Forward Vision System enabled: 25° ) <b>A Mode:</b> 30° <b>S Mode:</b> 35°	<b>P Mode:</b> 30° ( Forward Vision System enabled: 25°) <b>A Mode:</b> 35° <b>S Mode:</b> 35°
<b>Max Pitch Angle(Single Upward Gimbal)</b>	<b>P Mode:</b> 30° (Forward Vision System enabled: 25° ) <b>A Mode:</b> 30° <b>S Mode:</b> 35°	<b>P Mode:</b> 30° (Forward Vision System enabled: 25° ) <b>A Mode:</b> 30° <b>S Mode:</b> 35°	N/A
<b>Max Pitch Angle(Dual Downward Gimbals)</b>	<b>P Mode:</b> 25° (Forward Vision System enabled: 25° ) <b>A Mode:</b> 25° <b>S Mode:</b> 30°	<b>P Mode:</b> 25° (Forward Vision System enabled: 25° ) <b>A Mode:</b> 25° <b>S Mode:</b> 30°	N/A
<b>Max Ascent Speed</b>	16.4 ft/s (5 m/s)	16.4 ft/s (5 m/s)	16.4 ft/s (5 m/s)
<b>Max Descent Speed</b>	Vertical: 9.8 ft/s (3 m/s)	Vertical: 9.8 ft/s (3 m/s)	Vertical: 9.8 ft/s (3 m/s)
<b>Max Speed(Single Downward Gimbal)</b>	<b>S Mode:</b> 51.4mph (82.8kph) <b>P Mode:</b> 38mph (61.2kph) <b>A Mode:</b> 51.4mph(82.8kph)	<b>S Mode:</b> 51.4mph (82.8kph) <b>P Mode:</b> 38mph (61.2kph) <b>A Mode:</b> 51.4mph(82.8kph)	<b>S Mode:</b> 51.4mph (82.8kph) <b>P Mode:</b> 38mph (61.2kph) <b>A Mode:</b> 51.4mph (82.8kph)
<b>Max Speed(Single Upward Gimbal)</b>	<b>S Mode:</b> 51.4mph (82.8kph) <b>P Mode:</b> 38mph (61.2kph) <b>A Mode:</b> 51.4mph(82.8kph)	<b>S Mode:</b> 51.4mph (82.8kph) <b>P Mode:</b> 38mph (61.2kph) <b>A Mode:</b> 51.4mph(82.8kph)	N/A
<b>Max Speed(Dual Downward Gimbals)</b>	<b>S Mode:</b> 40.3mph (64.8kph) <b>P Mode:</b> 38mph (61.2kph) <b>A Mode:</b> 38mph (61.2kph)	<b>S Mode:</b> 40.3mph (64.8kph) <b>P Mode:</b> 38mph (61.2kph) <b>A Mode:</b> 38mph (61.2kph)	N/A
<b>Max Service Ceiling Above Sea Level</b>	1.86 miles (3000 m)	1.86 miles (3000 m)	1.86 mi (3000 m)
<b>Max Wind Resistance</b>	39.4 ft/s (12 m/s)	39.4 ft/s (12 m/s)	39.4 ft/s (12 m/s)



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<b>Max Flight Time(No Payload,With TB50)</b>	23min	27min	27min
<b>Max Flight Time(No Payload,With TB55)</b>	32min	38min	38min
<b>Max Flight Time(Full Payload,With TB50)</b>	13min	13min	13min
<b>Max Flight Time(Full Payload,With TB55)</b>	24min	24min	24min
<b>Motor Model</b>	DJI 3515	DJI 3515	DJI 3515
<b>Propeller Model</b>	1760S	1760S	1760S
<b>Operating Temperature</b>	-4° to 113° F (-20° to 45° C)	-4° to 113° F (-20° to 45° C)	-4° to 113° F (-20° to 45° C)
<b>IP Rating</b>	IP43	IP43	IP43
<b>CHARGER</b>			
<b>Model</b>	IN2C180	IN2C180	IN2C180
<b>Voltage</b>	26.1 V	26.1 V	26.1 V
<b>Rated Power</b>	180 W	180 W	180 W
<b>GIMBAL INSTALLATION</b>			
<b>Downward Gimbal Mount</b>	Supported	Supported	Supported
<b>Upward Gimbal Mount</b>	Supported	Supported	Not Supported
<b>Downward Dual Gimbal</b>	Supported	Supported	Not Supported
<b>BATTERY(TB50)</b>			
<b>Model</b>	TB50(Standard)	TB50(Standard)	TB50(Standard)
<b>Capacity</b>	4280 mAh	4280 mAh	4280 mAh
<b>Voltage</b>	22.8V	22.8V	22.8V
<b>Battery Type</b>	LiPo 6S	LiPo 6S	LiPo 6S
<b>Energy</b>	97.58 Wh	97.58 Wh	97.58 Wh
<b>Net Weight</b>	Approx. 520g	Approx. 520 g	Approx.520g
<b>Operating Temperature</b>	-4° to 113° F (-20° to 45° C)	-4° to 113° F (-20° to 45° C)	-4° to 113° F (-20° to 45° C)
<b>Storage Temperature</b>	Less than 3 months: -4° to 113° F (-20° to 45° C) More than 3 months: 72° to 82° F (22° to 28° C)	Less than 3 months: -4° to 113° F (-20° to 45° C) More than 3 months: 72° to 82° F (22° to 28° C)	Less than 3 months: -4° to 113° F (-20° to 45° C) More than 3 months: 72° to 82° F (22° to 28° C)



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<b>Charging Temperature</b>	41° to 104° F (5° to 40° C)	41° to 104° F (5° to 40° C)	41° to 104° F (5° to 40° C)
<b>Max Charging Power</b>	180 W	180 W	180 W
<b>BATTERY(TB55)</b>			
<b>Model</b>	TB55(Standard)	TB55(Standard)	TB55(Optional)
<b>Capacity</b>	7660 mAh	7660 mAh	7660 mAh
<b>Voltage</b>	22.8V	22.8V	22.8V
<b>Battery Type</b>	LiPo 6S	LiPo 6S	LiPo 6S
<b>Energy</b>	176.93Wh	176.93Wh	176.93Wh
<b>Net Weight</b>	885g	885g	885g
<b>Operating Temperature</b>	-4° to 113° F (-20° to 45° C)	-4° to 113° F (-20° to 45° C)	-4° to 113° F (-20° to 45° C)
<b>Storage Temperature</b>	Less than 3 months: -20° C to 45° C More than 3 months: 22° C to 28° C	Less than 3 months: -20° C to 45° C More than 3 months: 22° C to 28° C	Less than 3 months: -20° C to 45° C More than 3 months: 22° C to 28° C
<b>Charging Temperature</b>	41° to 104° F (5° to 40° C)	41° to 104° F (5° to 40° C)	41° to 104° F (5° to 40° C)
<b>Max Charging Power</b>	180 W	180 W	180 W
<b>FORWARD VISION SYSTEM</b>			
<b>Obstacle Sensing Range</b>	2.3-98.4 feet (0.7-30 m)	2.3-98.4 feet (0.7-30 m)	2.3-98.4 feet (0.7-30 m)
<b>FOV</b>	Horizontal 60° Vertical 54°	Horizontal 60° Vertical 54°	Horizontal 60° Vertical 54°
<b>Operating Environment</b>	Surfaces with clear patterns and adequate lighting (> 15 lux)	Surfaces with clear patterns and adequate lighting (> 15 lux)	Surfaces with clear patterns and adequate lighting (> 15 lux)
<b>DOWNWARD VISION SYSTEM</b>			
<b>Velocity Range</b>	<32.8 ft/s (10 m/s) at height of 6.56 feet (2 m)	<32.8 ft/s (10 m/s) at height of 6.56 feet (2 m)	<32.8 ft/s (10 m/s) at the height of 6.56 feet (2 m)
<b>Altitude Range</b>	<32.8 feet (10 m)	<32.8 feet (10 m)	<32.8 feet (10 m)
<b>Operating Range</b>	<32.8 feet (10 m)	<32.8 feet (10 m)	<32.8 feet (10 m)
<b>Operating Environment</b>	Surfaces with clear patterns and adequate lighting (> 15 lux)	Surfaces with clear patterns and adequate lighting (> 15 lux)	Surfaces with clear patterns and adequate lighting (> 15 lux)
<b>Ultrasonic Sensor Operating Range</b>	0.33-16.4 feet (10-500 cm)	0.33-16.4 feet (10-500 cm)	0.33-16.4 feet (10-500 cm)
<b>Ultrasonic Sensor Operating Environment</b>	Non-absorbing material, rigid surface (thick indoor	Non-absorbing material, rigid surface (thick indoor	Non-absorbing material, rigid surface



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	carpeting will reduce performance)	carpeting will reduce performance)	(thick indoor carpeting will reduce performance)
<b>GIMBAL</b>			
Compatible Gimbals	Zenmuse X4S Zenmuse X5S Zenmuse Z30 Zenmuse XT	Zenmuse X4S Zenmuse X5S Zenmuse Z30 Zenmuse XT	Zenmuse X4S Zenmuse X5S Zenmuse Z30 Zenmuse XT
<b>REMOTE CONTROLLER</b>			
<b>Model</b>	N/A	N/A	GL6D10A
<b>Operating Frequency</b>	N/A	N/A	2.400-2.483 GHz , 5.725-5.850 GHz
<b>Max Transmitting Distance(Unobstructed,Free Of Interference)</b>	N/A	N/A	2.4 GHz: 4.3 miles (7 km, FCC); 2.2 miles (3.5 km, CE); 2.5 miles (4 km, SRRC) 5.8 GHz: 4.3 miles (7 km, FCC); 1.2 miles (2 km, CE); 3.1 miles (5 km, SRRC)
<b>EIRP</b>	N/A	N/A	2.4 GHz: 26 dBm (FCC); 17 dBm (CE); 20 dBm (SRRC) 5.8 GHz: 28 dBm (FCC); 14 dBm (CE); 20 dBm (SRRC)
<b>Video Output Ports</b>	N/A	N/A	USB, HDMI
<b>Power Supply</b>	N/A	N/A	Built-in battery
<b>Charging</b>	N/A	N/A	DJI charger
<b>Dual User Capability</b>	N/A	N/A	Host-and-Slave connection
<b>Mobile Device Holder</b>	N/A	N/A	Tablet or Smart Phone
<b>Max Mobile Device Width</b>	N/A	N/A	170 mm
<b>Output Power</b>	N/A	N/A	9 W (Without supplying power to smart device)
<b>Operating Temperature</b>	N/A	N/A	-4° to 104° F (-20° to 45° C)
<b>Storage Temperature</b>	N/A	N/A	Less than 3 months: -4° to 113° F (-20° to 45° C)



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			More than 3 months: 72° to 82° F (22° to 28° C)
<b>Charging Temperature</b>	N/A	N/A	32° to 104° F (0° to 40° C)
<b>Battery</b>	N/A	N/A	6000mAh 2S LiPo
<b>USB Supply Power</b>	N/A	N/A	iOS: 1 A @ 5.2 V (Max) Android: 1.5 A @ 5.2 V (Max)
CENDENCE			
<b>Type</b>	GL800A	GL800A	N/A
<b>Operating Frequency</b>	2.400-2.483 GHz 5.725-5.825 GHz	2.400-2.483 GHz 5.725-5.825 GHz	N/A
<b>Max Transmitting Distance (Unobstructed, Free Of Interference)</b>	2.4 GHz: 4.3 miles (7 km, FCC); 2.2 miles (3.5 km, CE); 2.5 miles (4 km, SRRC) 5.8 GHz: 4.3 miles (7 km, FCC); 1.2 miles (2 km, CE); 3.1 miles (5 km, SRRC)	2.4 GHz: 4.3 miles (7 km, FCC); 2.2 miles (3.5 km, CE); 2.5 miles (4 km, SRRC) 5.8 GHz: 4.3 miles (7 km, FCC); 1.2 miles (2 km, CE); 3.1 miles (5 km, SRRC)	N/A
<b>EIRP</b>	2.4 GHz: 26 dBm (FCC); 17 dBm (CE); 20 dBm (SRRC) 5.8 GHz: 28 dBm (FCC); 14 dBm (CE); 20 dBm (SRRC)	2.4 GHz: 26 dBm (FCC); 17 dBm (CE); 20 dBm (SRRC) 5.8 GHz: 28 dBm (FCC); 14 dBm (CE); 20 dBm (SRRC)	N/A
<b>Power Supply</b>	Extended Intelligent Battery (Model: WB37-4920mAh-7.6V)	Extended Intelligent Battery (Model: WB37-4920mAh-7.6V)	N/A
<b>Intelligent Battery</b>	4923 mAh LiPo	4923 mAh LiPo	N/A
<b>Charging</b>	DJI charger	DJI charger	N/A
<b>Output Power</b>	20 W (supplying power to DJI CS550 monitor) 12 W (without supplying power to monitor)	20 W (supplying power to DJI CS550 monitor) 12 W (without supplying power to monitor)	N/A



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<b>Video Output Ports</b>	USB, HDMI, SDI	USB, HDMI, SDI	N/A
<b>USB Supply Power</b>	iOS: 1 A, 5.2 V (Max) Android: 1.5 A, 5.2 V (Max)	iOS: 1 A, 5.2 V (Max) Android: 1.5 A, 5.2 V (Max)	N/A
<b>Dual User Capability</b>	Master-and-Slave connection	Master-and-Slave connection	N/A
<b>Operating Temperature</b>	-4 ° to 104 °F (-20 ° to 40 °C)	-4 ° to 104 °F (-20 ° to 40 °C)	N/A
<b>Storage Temperature</b>	Less than 3 months: -4 ° to 113 °F (-20 ° to 45 °C) More than 3 months: 72 ° to 82 °F (22 ° to 28 °C)	Less than 3 months: -4 ° to 113 °F (-20 ° to 45 °C) More than 3 months: 72 ° to 82 °F (22 ° to 28 °C)	N/A
<b>Charging Temperature</b>	32 ° to 104 °F (0 ° to 40 °C)	32 ° to 104 °F (0 ° to 40 °C)	N/A
<b>Charging Time</b>	About 2 hours and 24 minutes (using a 180 W charger)	About 2 hours and 24 minutes (using a 180 W charger)	N/A
<b>Supply Power Time</b>	About 4 hours (only Master remote controller function enabled and without supplying power to monitor)	About 4 hours (only Master remote controller function enabled and without supplying power to monitor)	N/A
<b>Weight</b>	1041 g	1041 g	N/A

## DJI GO 4 APP

<b>Name</b>	DJI GO 4	DJI GO 4	DJI GO 4
<b>Mobile Device System Requirements</b>	iOS 9.0 or later Android 4.4.0 or later	iOS 9.0 or later Android 4.4.0 or later	iOS 9.0 or later Android 4.4.0 or later
<b>Supported Mobile Devices</b>	iOS: iPhone 5s, iPhone SE, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPhone 7, iPhone 7 Plus, iPad Air, iPad Air Wi-Fi + Cellular, iPad mini 2, iPad mini 2 Wi-Fi + Cellular,	iOS: iPhone 5s, iPhone SE, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPhone 7, iPhone 7 Plus, iPad Air, iPad Air Wi-Fi + Cellular, iPad mini 2, iPad mini 2 Wi-Fi + Cellular,	iOS: iPhone 5s, iPhone SE, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPhone 7, iPhone 7 Plus, iPad Air, iPad Air Wi-Fi + Cellular, iPad mini 2,

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	<p>iPad Air 2, iPad Air 2 Wi-Fi + Cellular, iPad mini 3, iPad mini 3 Wi-Fi + Cellular, iPad mini 4 and iPad mini 4 Wi-Fi + Cellular. This app is optimized for iPhone 7, iPhone 7 Plus</p> <p><b>Android:</b> Samsung tabs 705c, Samsung S6, Samsung S5, Samsung NOTE4, Samsung NOTE3, Google Nexus 6p, Nexus 9, Google Nexus 7 II, Ascend Mate7, Huawei P8 Max, Huawei Mate 8, LG V20, Nubia Z7 mini, Sony Xperia Z3, MI 3, MI PAD, Smartisan T1. *Support for additional devices available as testing and development continues.</p>	<p>iPad Air 2, iPad Air 2 Wi-Fi + Cellular, iPad mini 3, iPad mini 3 Wi-Fi + Cellular, iPad mini 4 and iPad mini 4 Wi-Fi + Cellular. This app is optimized for iPhone 7, iPhone 7 Plus.</p> <p><b>Android:</b> Samsung tabs 705c, Samsung S6, Samsung S5, Samsung NOTE4, Samsung NOTE3, Google Nexus 6p, Nexus 9, Google Nexus 7 II, Ascend Mate7, Huawei P8 Max, Huawei Mate 8, LG V20, Nubia Z7 mini, Sony Xperia Z3, MI 3, MI PAD, Smartisan T1. *Support for additional devices available as testing and development continues.</p>	<p>iPad mini 2 Wi-Fi + Cellular, iPad Air 2, iPad Air 2 Wi-Fi + Cellular, iPad mini 3, iPad mini 3 Wi-Fi + Cellular, iPad mini 4 and iPad mini 4 Wi-Fi + Cellular. This app is optimized for iPhone 7, iPhone 7 Plus.</p> <p><b>Android:</b> Samsung tabs 705c, Samsung S6, Samsung S5, Samsung NOTE4, Samsung NOTE3, Google Nexus 6p, Nexus 9, Google Nexus 7 II, Ascend Mate7, Huawei P8 Max, Huawei Mate 8, LG V20, Nubia Z7 mini, Sony Xperia Z3, MI 3, MI PAD, Smartisan T1. *Support for additional devices available as testing and development continues.</p>
<b>UPWARD INFRARED SENSOR</b>			
<b>Obstacle Sensing Range</b>	0-16.4 feet (0-5 m)	0-16.4 feet (0-5 m)	0-16.4 feet (0-5 m)
<b>FOV</b>	±5°	±5°	±5°
<b>Operating Environment</b>	Large, diffuse and reflective obstacles (reflectivity >10%)	Large, diffuse and reflective obstacles (reflectivity >10%)	Large, diffuse and reflective obstacles (reflectivity >10%)