

Dane aktualne na dzień: 27-04-2024 05:18

Link do produktu: <https://dronexpert.eu/httpdronexperteu-p-12901.html>

DJI MATRICE 210



Dostępność	Wycofany End Off Life (EOL)
Numer katalogowy	M200
Producent	DJI

Opis produktu







Silniki o wysokiej wydajności sparowane z 17-calowymi śmigłami zapewnienia stabilność lotu w czasie silnych wiatrów. Nowy system zasilania podwójnych akumulatorów, automatycznie podgrzewanie baterii podczas lotu w temperaturach poniżej zera, zamknięta konstrukcja gwarantuje odporność na warunki atmosferyczne, np. wodę, więc można latać w różnych środowiskach.

- 7 km zasięgu
- 38 min lotu
- IP43 poziom odporności
- 2 KG ładowności

M200

AIRCRAFT

Model	M200
Package Dimensions	790mm*390mm*290mm
Dimensions (unfolded)	887mm*880mm*378mm
Dimensions (folded)	716mm*220mm*236mm
Folding Method	Fold Inward
Diagonal Wheelbase	643mm
Number of Batteries	2
Weight (TB50)	3.80KG
Weight (TB55)	4.53KG
Max Takeoff Weight	6.14KG
Max Payload (TB50)	2.34KG
Max Payload (TB55)	1.61KG
Hovering Accuracy (during safe flights)	P Mode: 35° Forward Vision System enabled: 25° A Mode: 35° S Mode: 35°
	Horizontal: ±1.5° Downward Vision System enabled: ±0.3
Max Angular Velocity	Pitch: 300° /s Yaw: 150° /s
Max Pitch Angle	P Mode: 35° Forward Vision System enabled: 25° A Mode: 35° S Mode: 35°
	P Mode / A Mode / S Mode: 5 m/s
Max Ascent Speed	Vertical: 3 m/s
Max Descent Speed	S Mode 23m/s P
Max Speed	Mode 17m/s
	A Mode 23m/s
Max Service Ceiling Above Sea Level	1.55 mi (2500 m)
Max Wind Resistance	10m/s
Max Flight Time(No Payload, with TB50)	27min
Max Flight Time(No Payload, with TB55)	38min
Max Flight Time(6kg Payload, with TB50)	13min
Max Flight Time(6kg Payload, with TB55)	24min
Motor Model	DJI 3515

Propeller Model	1760S
Landing Gear	Quick-release
Operating Temperature	-20°C to 45° C
IP Rating	IP43

GIMBAL INSTALLATION

Downward Gimbal Mount	Supported
Upward Gimbal Mount	Not Supported
Downward Dual Gimbal	Not Supported

BATTERY (STANDARD)

Model	TB50
Capacity	4280 mAh
Voltage	22.8V
Battery Type	LiPo 6S
Energy	97.58 Wh
Net Weight	520g
Operating Temperature	-20°C to 40° C
Storage Temperature	Less than 3 months: -20° C to 45° C More than 3 months: 22° C to 28° C
Charging Temperature	5 °C to 40 °C
Max Charging Power	180 W

CHARGER

Model	IN2C180
Voltage	26.1 V
Rated Power	180 W

FORWARD VISION SYSTEM

Obstacle Sensing Range	0.7 - 30 m
FOV	Horizontal 60° Vertical 54°
Operating Environment	Surfaces with clear patterns and adequate lighting (> 15 lux)

DOWNWARD VISION SYSTEM

Velocity Range	<32.8 ft/s (10 m/s) at height of 6.56 feet (2 m)
Altitude Range	<10 m
Operating Range	<10 m
Operating Environment	Surfaces with clear patterns and adequate lighting (> 15 lux)
Ultrasonic Sensor Operating Range	10 - 500 cm
Ultrasonic Sensor Operating Environment	Non-absorbing material, rigid surface (thick indoor carpeting will reduce performance)

GIMBAL

Compatible Gimbals	ZENMUSE X4S Zenmuse X5S Zenmuse Z30 Zenmuse XT
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REMOTE CONTROLLER

Quote that of Inspire 2 controller

BATTERY (OPTIONAL)

Model	TB55
Capacity	7760 mAh
Voltage	22.8V
Battery Type	LiPo 6S
Energy	176.93Wh
Net Weight	885g
Operating Temperature	-20°C to 40° C
Storage Temperature	"Less than 3 months: -20° C to 45° C More than 3 months: 22° C to 28° C"
Charging Temperature	5 °C to 40 °C
Max Charging Power	180 W

DJI GO APP

Quote from that of DJI GO app

UPWARD INFRARED SENSOR

Obstacle Sensing Range

FOV

FOV

0 - 5 m

±5°

Large-sized object with diffuse reflecting surface or high reflective rate (>10%)

M210

AIRCRAFT

Model

Package Dimensions

Dimensions (unfolded)

Dimensions (folded)

Folding Method

Diagonal Wheelbase

Number of Batteries

Weight (TB50)

Weight (TB55)

Max Takeoff Weight

Max Payload (TB50)

Max Payload (TB55)

Hovering Accuracy (during safe flights)

Max Angular Velocity

Max Pitch Angle

Max Ascent Speed

Max Descent Speed

Max Speed

Max Service Ceiling Above Sea Level

Max Wind Resistance

Max Flight Time(No Payload, with TB50)

Max Flight Time(No Payload, with TB55)

Max Flight Time(6kg Payload, with TB50)

Max Flight Time(6kg Payload, with TB55)

Motor Model

Propeller Model

Landing Gear

Operating Temperature

IP Rating

M210

790mm*390mm*290mm

887mm*880mm*378mm

716mm*220mm*236mm

Fold Inward

643mm

2

3.84KG

4.57KG

6.14KG

2.3KG

1.57KG

Vertical: ±0.5°Downward Vision System enabled: ±0.1

Horizontal: ±1.5°Downward Vision System enabled: ±0.3

Pitch: 300° /sYaw:150° /s

P Mode: 35°Forward Vision System enabled: 25°A Mode:

35°S Mode: 35°

P Mode / A Mode / S Mode: 5 m/s

Vertical: 3 m/s

S Mode 23m/s P Mode 17m/s A Mode 23m/s

1.55 mi (2500 m)

10m/s

27min

38min

13min

24min

DJI 3515

1760S

Quick-release

-20°C to 45° C

IP43

GIMBAL INSTALLATION

Downward Gimbal Mount

Upward Gimbal Mount

Downward Dual Gimbal

Supported

Supported

Supported

BATTERY (STANDARD)

Model

Capacity

Voltage

Battery Type

Energy

Net Weight

Operating Temperature

Storage Temperature

Charging Temperature

Max Charging Power

TB50

4280 mAh

22.8V

LiPo 6S

97.58 Wh

520g

-20°C to 40° C

"Less than 3 months: -20° C to 45° C

More than 3 months: 22° C to 28° C"

5 °C to 40 °C

180 W

CHARGER

Model	IN2C180
Voltage	26.1 V
Rated Power	180 W

FORWARD VISIOM SYSTEM

Obstacle Sensing Range	0.7 - 30 m
FOV	Horizontal 60° Vertical 54°
Operating Environment	Surfaces with clear patterns and adequate lighting (> 15 lux)

DOWNWARD VISIOM SYSTEM

Velocity Range	<32.8 ft/s (10 m/s) at height of 6.56 feet (2 m)
Altitude Range	<10 m
Operating Range	<10 m
Operating Environment	Surfaces with clear patterns and adequate lighting (> 15 lux)
Ultrasonic Sensor Operating Range	10 - 500 cm
Ultrasonic Sensor Operating Environment	Non-absorbing material, rigid surface (thick indoor carpeting will reduce performance)

GIMBALS

Compatible Gimbals	ZENMUSE X4S Zenmuse X5S Zenmuse Z30 Zenmuse XT
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REMOTE CONTROLLER

Quote that of Inspire 2 controller

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Max Charging Power	180 W

DJI GO APP

Quote from that of DJI GO app

UPWARD INFRARED SENSOR

Obstacle Sensing Range	0 - 5 m
FOV	±5°
Operating Environment	Large-sized object with diffuse reflecting surface or high reflective rate (>10%)

M210-RTK

AIRCRAFT

Model	M210-RTK
Package Dimensions	790mm*390mm*290mm
Dimensions (unfolded)	887mm*880mm*408mm
Dimensions (folded)	716mm*242mm*236mm
Folding Method	Fold Inward
Diagonal Wheelbase	643mm
Number of Batteries	2
Weight (TB50)	4.27KG
Weight (TB55)	5.0KG
Max Takeoff Weight	6.14KG

Max Payload (TB50)	1.87KG
Max Payload (TB55)	1.14KG
Hovering Accuracy (during safe flights)	Vertical: ± 0.5 Downward Vision System enabled: ± 0.1 Horizontal: ± 1.5 Downward Vision System enabled: ± 0.3 Pitch: $300^{\circ}/s$ Yaw: $150^{\circ}/s$ P Mode: 35° Forward Vision System enabled: 25° A Mode: 35° S Mode: 35° P Mode / A Mode / S Mode: 5 m/s
Max Angular Velocity	Vertical: 3 m/s
Max Pitch Angle	S Mode 23m/s
Max Ascent Speed	P Mode 17m/s A
Max Descent Speed	Mode 23m/s
Max Speed	1.55 mi (2500 m)
Max Service Ceiling Above Sea Level	10m/s
Max Wind Resistance	23min
Max Flight Time(No Payload, with TB50)	32min
Max Flight Time(No Payload, with TB55)	13min
Max Flight Time(6kg Payload, with TB50)	24min
Max Flight Time(6kg Payload, with TB55)	DJI 3515
Motor Model	1760S
Propeller Model	Quick-release
Landing Gear	-20°C to 45° C
Operating Temperature	IP43
IP Rating	

GIMBAL INSTALLATION

Downward Gimbal Mount	Supported
Upward Gimbal Mount	Supported
Downward Dual Gimbal	Supported

BATTERY (STANDARD)

Model	TB50
Capacity	4280 mAh
Voltage	22.8V
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Max Charging Power	180 W

CHARGER

Model	IN2C180
Voltage	26.1 V
Rated Power	180 W

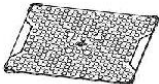
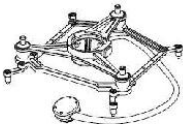
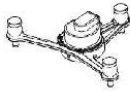
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DOWNWARD VISIOM SYSTEM

Velocity Range	<32.8 ft/s (10 m/s) at height of 6.56 feet (2 m)
Altitude Range	<10 m
Operating Range	<10 m
Operating Environment	Surfaces with clear patterns and adequate lighting (> 15 lux)
Surfaces with clear patterns and adequate lighting (> 15 lux)	10 - 500 cm
Ultrasonic Sensor Operating Environment	Non-absorbing material, rigid surface (thick indoor carpeting will reduce performance)

DJI MATRICE 210 zawartość zestawu

		
Aircraft Body × 1	Remote Controller × 1	Landing Gear × 2
		
CrystalSky / 85" Monitor × 1	WCL IP Charging Hub × 1	WB37 Intelligent Battery × 2
		
TB50 M200 Intelligent Flight Battery × 2	Battery Charger × 1	IN2CH Charging Hub × 1
		
Propeller Pair × 4	Power Cable* × 1	USB Cable (with Double A Ports)* × 1
		
Micro SD Card (16GB)* × 1	Carrying Case* × 1	Gimbal Damper* × 1
		
Propeller Mounting Plates* × 1	Vision System Calibration Plate* × 1	Battery Insulation Sticker* × 4
		
GPS Kit × 1	Single Upward Gimbal Connector × 1	Single Downward Gimbal Connector × 1

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Zestaw zawiera:

https://dronexpert.eu/images/pobieranie/pdf/M210_in_the_box_v1.0_multi.pdf