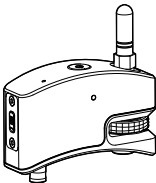


DJI Focus Expansion Module

User Guide V1.0

2016.08



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By using this product, you hereby signify that you have read this disclaimer and warning carefully and that you understand and agree to abide by the

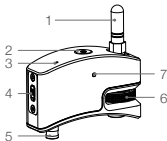
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Introduction

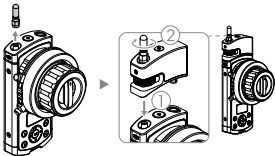
The DJI Focus Expansion Module is used to extend the communication distance of the DJI Focus when used with Lightbridge compatible devices. It is compatible with the Matrice 600 when used with the Ronin-MX or Zenmuse X5/X5R. The DJI Focus Expansion Module can also be used to wirelessly control the Inspire 1 Pro/RAW camera's aperture, focus and zoom from 3.1 miles (5 km) away.



1. 5.8 GHz Antenna
2. DJI Focus Remote
Controller Power Button
3. Link Button
4. DJI Focus Expansion
Module Power Switch
5. Communication Port
6. Lock Knob
7. Status LED

Usage

1. Remove the original antenna from the DJI Focus Remote Controller.
2. Attach the Expansion Module to the DJI Focus Remote Controller as shown, then tighten the lock knob to secure the Expansion Module.



- Do not use the original antenna on the DJI Focus Remote Controller. Instead, use the 5.8 GHz antenna provided with the DJI Focus Expansion Module.
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3. When used with the Ronin-MX, connect the Communication Port on the Motor to the LB Port and the P-TAP Port by using the dedicated Power and Data Cable.

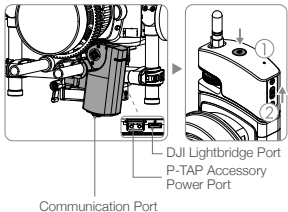


Power and Data Cable



- Visit the Official DJI Online Store for more information about the DJI Focus Expansion Module Power and Data Cable.
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4. Press and hold the power button on the top of the Expansion Module to power on the DJI Focus Remote Controller, and toggle the power switch up to power on the Expansion Module.



Linking





The DJI Focus Expansion Module must be linked to the master remote controller of the Matrice 600 or Inspire 1 Pro/RAW in order to work.

How to Link

1. Power on the remote controller for the Matrice

- 600 or Inspire 1 Pro/RAW, and press the C1, C2 and video recording buttons simultaneously. Release the three buttons when you hear a beeping pattern consisting of 1 long beep followed by 2 short beeps, and then press the shutter button once. The remote controller is ready to link when it starts to beep rapidly.
2. Power on the DJI Focus Expansion Module, then (a) press the link button once, or (b) on the DJI Focus Remote Controller, go to Menu > Setting > Connect RC > Connect to begin linking.
 3. The linking process is successful when the status indicator turns solid yellow or solid green.

Status LED Descriptions

Status LED	Description
 – Solid red	Upgrade failed
 – Blinks red	The device is not linked. The device is linked but not connected to the motor or camera.
 – Solid yellow	Successfully linked and working normally
 – Solid green	

Firmware Upgrade

The DJI Focus Expansion Module can be upgraded through the DJI Focus Remote Controller, refer to the DJI Focus user manual for more information.

Specifications

Operating Frequency	5.725-5.825 GHz
Transmission Distance	50 m (the distance between the Expansion Module and the Master Remote Controller of the Matrice 600 or Inspire 1 Pro/RAW, unobstructed, free of interference)
Transmitter Power (EIRP)	13 dBm
Operating Temperature Range	-4° to 131°F (-20° to 55 °C)
Operating Voltage	100 mA@3.7 V

FCC Compliance Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

IC RSS Warning

This device complies with Industry Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC Radiation Exposure Statement:

This equipment complies with IC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

EU Compliance Statement

SZ DJI TECHNOLOGY CO., LTD. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the R&TTE Directive.

A copy of the EU Declaration of Conformity is available online at www.dji.com/euro-compliance

CE 0197



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Niederlauer, Germany

DJI Support

<http://www.dji.com/support>

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If you have any questions about this document,
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