

Trimble UX5 Aerial Imaging Rover Body and Camera Compatibility

Before you use the Trimble® UX5 aerial imaging rover, make sure that the payload bay is compatible with the sensor. This instruction card explains how to adapt the payload bay of the UX5 body for a Sony NEX-5 and a Sony a5100 camera. By default, the UX5 body is tooled for the Sony a5100 camera.

Notes:

- These instructions apply only to UX5 bodies that have a serial number greater than S/N UX501218.
- You can order the UX5 Camera Compatibility Kit (P/N UX-G00191-01) from your Trimble distributor.



WARNING – Before adapting the payload bay of the UX5 aerial imaging rover, always make sure that the UX5 battery is disconnected from the rover.

Using a Sony a5100 camera

Note – Make sure that the Sony NEX-5 adapter pieces and the IR LED trigger cable are removed from the payload bay. Do not use any sharp tools for this.

Aerial Imaging 2.0.1 or later

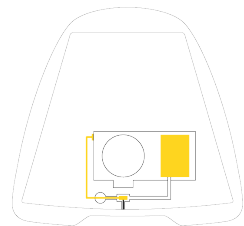
When using Aerial Imaging version 2.0.1 or later:

1. In the *Home* screen of the Aerial Imaging software, tap *Maintenance*.
2. In the *Rover* section, select *Adapting the payload bay for a Sony a5100* and follow all of the steps.

Aerial Imaging 2.0.0 or earlier

When using Aerial Imaging version 2.0.0 or earlier:

1. Insert the adapter piece into the camera cavity of the payload bay of the UX5 body.
2. Connect the USB cable to the camera and to the connector from the eBox. Insert the eBox connection vertically into the cavity.



Sony a5100 compatible payload bay

Using a Sony NEX-5 camera

Note – Make sure that the Sony a5100 adapter piece and the USB trigger cable are removed from the payload bay. Do not use any sharp tools for this.

Aerial Imaging 2.0.1 or later

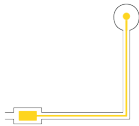
When using Aerial Imaging version 2.0.1 or later:

1. In the *Home* screen of the Aerial Imaging software, tap *Maintenance*.
2. In the *Rover* section, select *Adapting the payload bay for a Sony NEX-5* and follow all of the steps.

Aerial Imaging 2.0.0 or earlier

When using Aerial Imaging version 2.0.0 or earlier:

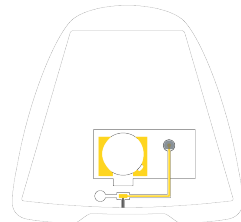
1. Insert the two adapter pieces into the camera cavity of the payload bay of the UX5 body.
2. Insert the IR LED cable into the cable duct:
 - a. Without using any sharp tools, position the LED vertically in the round opening and gently push the cable into the duct.
 - b. Connect the IR LED cable connector to the connector from the eBox and insert the connection vertically into the cavity.
 - c. Cover the IR LED with the protection cap. The cap should be flush with the surface.



IR LED cable, top view



IR LED cable, profile view



Sony NEX-5 compatible payload bay

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P/N UX-D00116-01