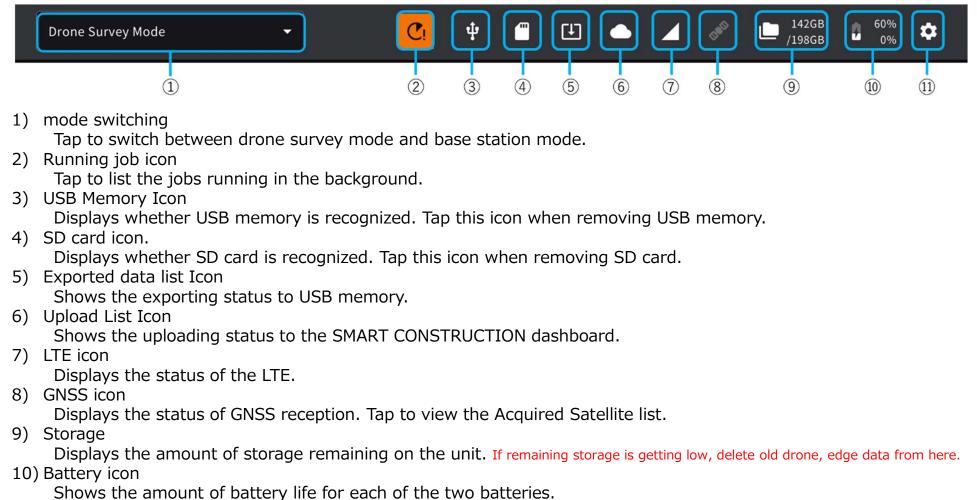
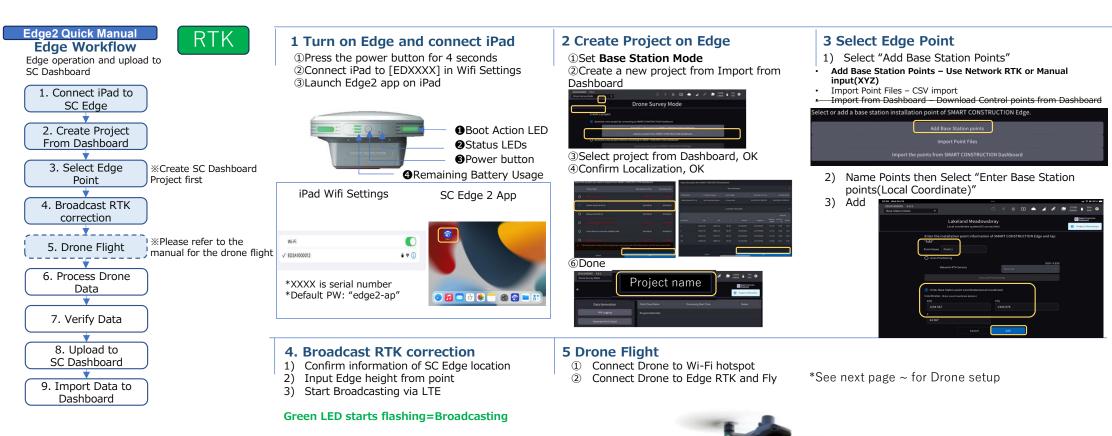
Edge Quick Manual -RTK Droneflight-

NAME OF EACH PART OF Edge app top icon

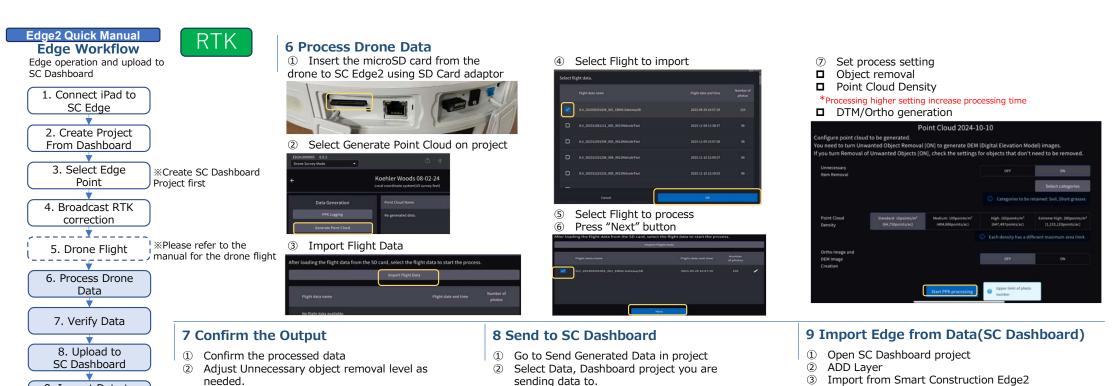


11) Settings icon

Tap to open the Settings dialog.



int 1	0		ion Mode settin		Lat./Lon.:DI
					-64.205
		LTE W-	Fi External Radio		
	Number of sate	ellites in use: 10			
	GLONASS:				
	BeiDou:				
	Pole Height (up to	3 decimal places)	1 US surv	ey f 🔻	
	Measuring me the pole height				
		Start Broa			



- sending data to.
 - ③ Upload

9. Import Data to

Dashboard

(3)

DSM

rtical Accuracy Cher 3D accuracy check

4

Checkpoint csv file

Mihama demo

EPSG: WGS 84

Accuracy check and height adjust by importing

Point Cloud 2024-7-2

Project information

1/

If you can't see Dashboard Project, make sure you are logged in to Smart Construction under Setting tab.

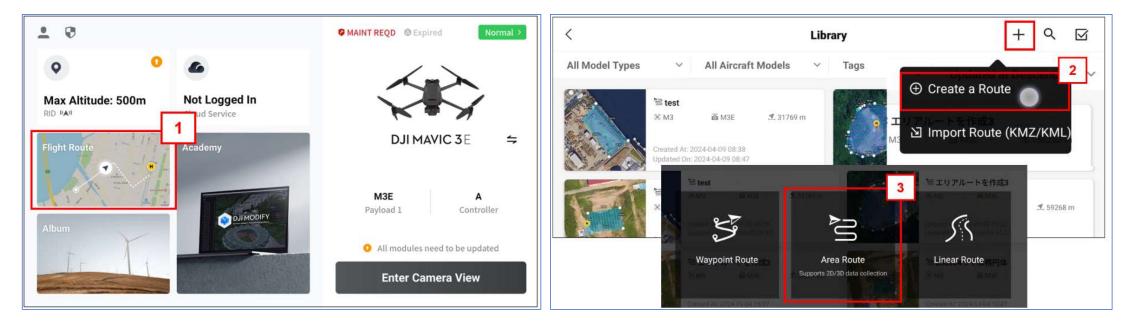
🕐 🕂 🛋 🔺 🖋 🖿 🛄 👬 🔅 Test0714 EPSG: JGD2011 / Japan Plane Rectangular CS IX, Vertical Datum: JGD2011 (vertical) height Data Generation

- ③ Import from Smart Construction Edge2



Turn on "Interpolate" to fill the filtered hole



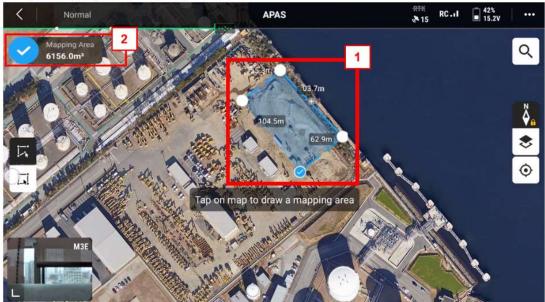


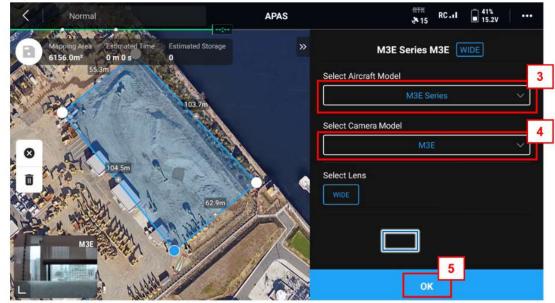
DJI Marvic3 Enterprise setup

- 3. select the M3E Series.
- 4. select the M3E.
- 5. tap the OK button.



2. tap the mapping area after determine.





DJI Marvic3 Enterprise setup

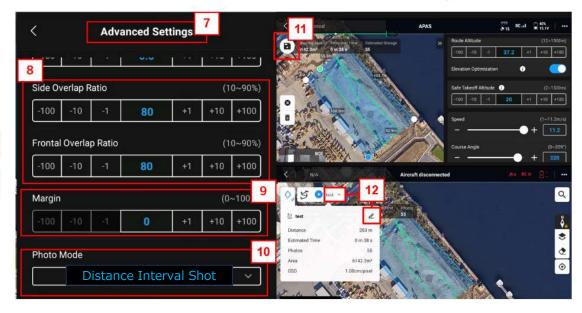
1. The green line is the flight path.

This is automatically calculated based on the mapping area, GSD and photo wrap rate settings.

- 2. Change settings according to resolution
- 3. The altitude is automatically calculated according to the GSD.
- If you change the flight altitude, the GSD is automatically calculated.
- 4. Setting for oblique flight.
- Please switch ON for higher accuracy.
- 5. Maximum flight speed is not a problem. Higher speeds may cause the flight path to be rounded and the drone to shake more. If high accuracy is desired, the speed must be reduced.
- 6. The direction of the flight path can be changed.



- 7. Tap the Advanced setting.
- 8. Set up Side overap Ratio and Frontal Overlap Ratio. (recommend Side 80% Frontal 80%)
- 9. Set up to fly wider around the perimeter of the mapping area.
- 10. The Distance Interval Shot is recommended as it reduces the number of unnecessary photos.



DJI Marvic3 Enterprise setup

RTK Setting to receive Edge RTK





1 Go to RTK setting on controller

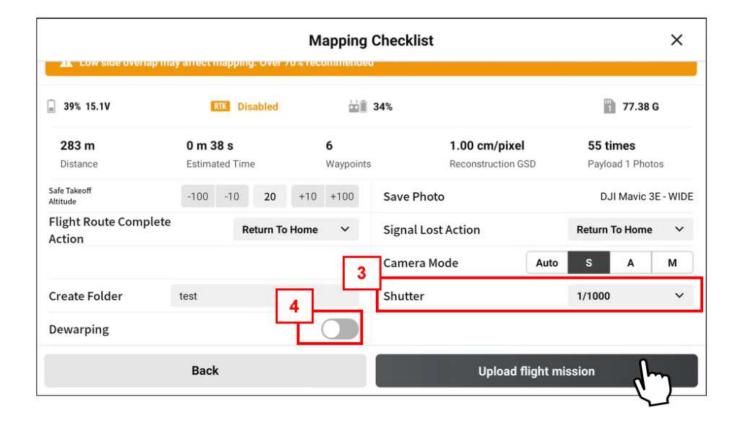
- 2. Turn ON RTK Positioning
- 3. Turn ON Maintain Positioning Accuracy Mode

Register below RTK configuration

NTRIP Address: rtcmsv.smartconstruction.com Port: 2101 Account: Edge serial (ED2A1xxxx) Password: SC21 Mount Point: MSM4_RAW



Confirm the connection RTK Status: **Green** Positioning: **FIX** Shutter speed: 1/1000
Dewarping : OFF



Reference of Rover side setting to connect Edge RTK

Ntrip setting on "Rover side" to receive Edge Ntrip RTK

Host: rtcmsv.smartconstruction.com Port: 2101 (If there was no "Port" input, please make the host

URL : rtcmsv.smartconstruction.com/2101) Mount: (See below Tips) Username: EdgeBox Serial Number (Example: EB2A100XXXX) Password: SC21

Recommended Mount Point

Komatsu MC-R3 i-machine	RTCM30_BIAS
Komatsu MC-i 4 i-machine	MSM4_BIAS
3DMG	MSM4_RAW
Topcon	MSM4_BIAS
Hiper-V	RTCM30_BIAS
Hiper-HR	MSM4_BIAS
SC Rover	MSM4_RAW
Drone	MSM4_RAW