



Zenmuse L3 Known Issue List

Date:	2026.03.31
Dock Firmware:	v17.00.0001
M400 RTK Aircraft Firmware:	v17.00.0100
Remote Controller Firmware:	v01.64.0806
DJI Pilot 2 App:	v17.0.0.40

* Make sure to update the firmware version for the aircraft, the remote controller, and the L3. Otherwise, they will not be compatible with each other.

Known Issues in v17.00.0001

No.	Issue Description	Workaround Solution
1	When sampling frequency ≥ 350 kHz: <ul style="list-style-type: none">The point cloud model reconstructed by DJI Terra contains more abnormal noise points.Abnormal noise points appear in the point cloud liveview.The RNG value displays as NA.	Refer to the payload parameters section in the user manual and check whether the recommended parameters are met.
2	Abnormalities occur when using the L3 dedicated mounting bracket to install H30 series, P1, or L2.	The dedicated bracket does not currently support other payloads. Please use the original M400 aircraft bracket instead.
3	In linear scanning mode, the point cloud model reconstructed by DJI Terra may have missing sections when flying from a breakpoint.	Manually adjust the breakpoint forward to ensure full scan coverage.
4	Distance coloring errors occur at certain gimbal angles.	Pending fix. The final point cloud results are not affected.
5	If Distance Interval Shot is enabled during a flight route task, the app will prompt Switch failed when switching to point cloud via the R3 button while capturing photos.	Pending fix. Select other modes to record point cloud and capture images simultaneously.
6	When flight speed is 25 m/s, ripples may appear in the videos or point cloud accuracy may decrease.	Please operate at the recommended speed of 17 m/s.
7	Under certain conditions, LiDAR may damage camera devices.	Avoid photographing the LiDAR using the camera.
8	The camera angle data in XMP information is missing for JPEG photos. Currently, only the gimbal camera is recorded.	Pending fix. Camera angle data will be added to the XMP information
9	When performing segmented routes such as oblique photography or linear flight tasks, the	Pending fix. Manually set the required point cloud frequency before starting the



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	point cloud frequency is incorrectly reset to 100 kHz starting from the second segment.	second and any subsequent segments.
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Date:	2025.11.04
Dock Firmware:	v01.00.0106
M400 RTK Aircraft Firmware:	v16.00.0005
Remote Controller Firmware:	v01.64.0702
DJI Pilot 2 App:	v16.0.0.49

* Make sure to update the firmware version for the aircraft, the remote controller, and the L3. Otherwise, they will not be compatible with each other.

Known Issues in v01.00.0106

No.	Issue Description	Workaround Solution
1	When sampling frequency ≥ 350 kHz: <ul style="list-style-type: none">The point cloud model reconstructed by DJI Terra contains more abnormal noise points.Abnormal noise points appear in the point cloud liveview.The RNG value displays as NA.	Refer to the payload parameters section in the user manual and check whether the recommended parameters are met.
2	Abnormalities occur when using the L3 dedicated mounting bracket to install H30 series, P1, or L2.	The dedicated bracket does not currently support other payloads. Please use the original M400 aircraft bracket instead.
3	In linear scanning mode, the point cloud model reconstructed by DJI Terra may have missing sections when flying from a breakpoint.	Manually adjust the breakpoint forward to ensure full scan coverage.
4	In linear scanning mode, the downloaded real-time point cloud model may have zebra-striped missing sections.	Pending fix. The final point cloud results are not affected.
5	Distance coloring errors occur at certain gimbals angles.	Pending fix. The final point cloud results are not affected.
6	If Distance Interval Shot is enabled during a flight route task, the app will prompt Switch failed when switching to point cloud via the R3 button while capturing photos.	Pending fix. Select other modes to record point cloud and capture images simultaneously.
7	When flight speed is 25 m/s, ripples may appear in the videos or point cloud accuracy may decrease.	Please operate at the recommended speed of 17 m/s.
8	Under certain conditions, LiDAR may damage camera devices.	Avoid photographing the LiDAR using the camera.



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