



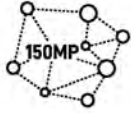
# FJD Trion™ AM150A

MEDIUM FORMAT AERIAL CAMERA

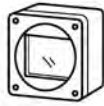
printed by aerial-survey-base

# A MORE EFFICIENT WAY TO PHOTOGRAPH THE WORLD

Boost productivity in aerial image acquisition with the FJD Trion AM150A. Featuring a backside-illuminated CMOS sensor, the AM150A captures imagery at up to 4 fps and 150 MP with improved light sensitivity. Capture more in fewer, faster flights and take your aerial mapping missions to new heights.



150MP Resolution



BSI CMOS Sensor



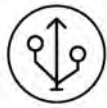
Leaf Shutter



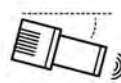
Up to 1/2500s  
Shutter Speed



Up to 4 fps  
Capture Rate



2 USB 3.0 Type-C  
Data Interfaces



Oblique Imagery & LiDAR  
Supported



Wide Aerial Coverage

## POWERFUL CMOS AND INTERCHANGEABLE LENSES

### Sensor

54.4 × 40.0 mm Sensor Size  
83 dB Dynamic Range



### Lenses

Up to 1/2500s Leaf Shutter  
50mm or 90mm Lenses



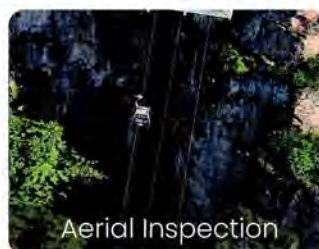
## APPLICATION SCENARIOS



Urban Planning



Infrastructure Mapping



Aerial Inspection



Forestry

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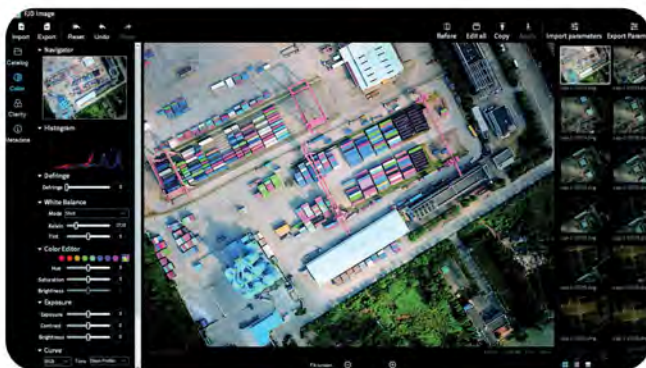
# EASY POST-PROCESSING WITH FJD IMAGE

Edit photos, manage files, and get the results you need quickly with FJD Image. Color correct, edit in bulk, and compare before and after effects with one quick click.



## Image Editing

Finetune hue and tone to get just the right results for your project. With advanced algorithms, these edits can be displayed in real time.



## One-click Comparison

Compare the effects of your edits side-by-side with one simple click. Undo or reset if you change your mind.

## Bulk Editing

Apply edits to all images in just one click. Export all edited images in one go to maximize consistency and efficiency.

## Image Information


Edit image parameters effectively with easy access to metadata, measurement scale, a navigation window, and histograms.



# QUICK SPECS

Resolution	150 MP (14206×10654)
Dynamic range	83 dB
Aspect ratio	4:3
Pixel size	3.76 μm
Effective sensor size	53.4×40.0 mm
Light sensitivity	50–6400 ISO
Capture rate	4 fps
Camera type	Medium-format camera for aerial imaging
Lens mount	FJD mount
Data interfaces	USB 3.0
I/O interfaces	Trigger
Raw file lossless compression 14bit	180 MB
IR cut-off filter	Yes
Connection to pod	M4×4 bolts
Power input	12–30V, DC

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[FJDynamics.com](https://www.fjdynamics.com) 



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