



Drone-Mounted Acoustic Imaging Camera

CRY2626G



The CRY2626G is the first drone-mounted acoustic camera designed for detecting electrical partial discharge.

Using beamforming microphone array technology, it overlays sound source data onto high-resolution video for precise fault detection.



Long-Range Partial Discharge Detection

This advanced system enables long-distance inspections of power lines, detecting partial discharge with high accuracy.

Its mobility allows operators to assess areas that are difficult or hazardous to access, reducing risks while improving maintenance efficiency.



Ultrasound
Protecting what matters

Highlights

- Designed to be mounted on a DJI M300 RTK or M350 RTK drone, the feed is displayed on the remote control.
- Structural and algorithmic noise reduction allow an effective testing distance of up to 35 meters.
- PRPD spectrum display with the ability to show discharge types.
- Interfaces with the DJI SKYPORT mounting system, convenient installation.
- Generate reports to share key data.
- Enhance Inspection with 2-axis Gimbal
- Drone Motor Noise Suppression
- Real-time Display of Test Results
- Rapid Deployment, Take off in 1 Minute
- Long Flight Time, Impressive Measurement Distance.



Acoustic Specification		Software	
Number of microphones	128 MEMS channels	Protocol	DJI PSDK Protocol
Frequency range	2kHz~48kHz	Report types	Gas/Electricity, ISO 50001-compliant
Test sound pressure level range	28dB~132dB	Analysis	PRPD Spectrum
Acoustic cloud maps / imager view	62°	Power	
Minimum frame rate for acoustic cloud map	25FPS	Voltage	Same as 'SKYPORT, DC12V'
Test Distance	0.5m~30m	Power interface	Same as 'SKYPORT'
Imager		Power consumption	10W
Imager FOV	62°	Device	
Imager focal length	3.04mm fixed focal length	Protection Class	IP42
Imager pixel	8 million pixel	Overall equipment dimensions	Fold: 210*230*260mm Spread: 340*232*167mm
Storage		Weight	1400g
Internal storage	8Gb	Duration of flight	30min
External storage	TF memory card, at least 64 G, expandable to 256 G	Installation	SKYPORT V2
Data storage format	.jpg (image), .mp4 (video) and .wav (audio)	Warranty	2 years
Video length	5 minutes	Self-diagnostic notification	Array-health test function to identify when microphone array needs attention
Digital export	TF Card	Drones (optional)	
Operating Environment		Model	DJI M300 RTK, DJI M350 RTK
Operating environment	-20°C – +50°C, 10% – 95% no condensation	Languages	
Storage temperature	-20 °C – +60 °C	Language	Chinese, English
Altitude	Less than 5000m		

Available only in Europe and French-speaking African countries.

SDT Mission

SDT provides ultrasound solutions that help our customers gain a better understanding about the health of their factory. We help them predict failures, control energy costs, and improve product quality while contributing to the overall reliability of their assets.



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