



CRY2623M

Fixed Acoustic Imaging Camera



The CRY2623M uses advanced microphone array beamforming to detect and visualize sound sources.

Equipped with a high-definition camera, it enables real-time monitoring of industrial assets.

Designed for harsh environments, it integrates seamlessly into digital monitoring systems via LAN, WiFi, 4G, and other networks.

24/7 Real-Time Monitoring

This acoustic imaging camera continuously monitors industrial equipment, detecting anomalies in compressors, pumps, pipes, and electrical systems.

Its real-time acoustic analysis helps identify potential failures early, minimizing downtime and improving efficiency.

With a robust design, the CRY2623M ensures long-term reliability in demanding conditions.



Ultrasound
Protecting what matters

Highlights

- **128 digital MEMS microphones**

High-performance microphones for efficient detection.

- **24/7 Real-time monitoring**

Real-time monitoring, automatic fault detection, reducing the number of manual inspections. It helps enterprises reduce maintenance costs.

- **Easy to install**

183mm x 169mm x 83.35mm, contactless deployment.

- **Early detection of equipment problems**

In the early stages of equipment failure, the camera promptly alerts users to abnormal sounds, which may indicate issues like leakage or partial discharge.

- **Find faults that cannot be found by other means**

Pressure, temperature, vibration sensors often fail to sense some early failures.

- **Factory automation product inspection & Alarms**

CR2623M can be deployed in the factory line and fully integrated with the factory system, support the factory's automatic inspection, and improve the production inspection efficiency.



Main Technical Specifications		IP Degree of Protection	IP66
Number of microphones	128 MEMS channels	Fixed way	Bottom 1/4 -20UNC thread/M5 screw fixing
Frequency range	2kHz~48kHz	Intrinsically Safe Power Supply	
Port	RJ45	Intrinsically safe maximum open circuit voltage	DC 6.5V
Data communication	RTSP/RTMP streaming transmission	Intrinsically safe maximum output current	2.0A
Camera Pixel	8 million pixel	Digital Signal Barrier	
Frame Rate	25 FPS	Operating Voltage	5V
Test Distance	0.5~50m	Maximum withstand voltage	6V
Weight	About 1.6kg	Terminal resistance	12Ω
Size	183mm X 169mm X 85.35mm	Polarity	Dual Polarity
Storage	8G internal storage, 64G TF card expansion storage	Weight	About 110g
Operating Temperature	-10°C~+50°C	Applicable equipment wiring	Two-wire
Supply Voltage	DC12-20V		
Power Consumption	About 14W		

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.



SDT International s.a./n.v.

Bd de l'Humanité, 415
B-1190 Brussels - Belgium
Tél: +32(0)2-332 32 25
Email: info@sdtultrasound.com