CRYSOUND

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.

SDT 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, thecamerapromptly alerts users to abnormal sounds, whichmay indicate issues like leakage or partial discharge.
- **Find faults that cannot be foundby other means**
  Pressure, temperature, vibration sensorsoftenfailto sense some early failures.
- **Factory automation product inspection & Alarms**
  CRY2623M can be deployed in the factorylineandfully integrated with the factory system, supportthefactory's automatic inspection, andimprovetheproduction inspection efficiency.

Main Technical Specifications	
Number of microphones	128 MEMS channels
Frequency range	2kHz~48kHz
Port	RJ45
Data communication	RTSP/RTMP streaming transmission
Camera Pixel	8 million pixel
Frame Rate	25 FPS
Test Distance	0.5~50m
Weight	About 1.6kg
Size	183mm X 169mm X 85.35mm
Storage	8G internal storage, 64G TF card expansion storage
Operating Temperature	-10℃~+50℃
Supply Voltage	DC12-20V
Power Consumption	About 14W

IP Degree of Protection	IP66
Fixed way	Bottom 1/4 -20UNCthread/M5 screw fixing
Intrinsically Safe Power Supply	
Intrinsically safe maximum open circuit voltage	DC 6.5V
Intrinsically safe maximum output current	2.0A
Digital Signal Barrier	
Operating Voltage	5V
Maximum withstan voltage	6V
Terminal resistance	12Ω
Polarity	Dual Polarity
Weight	About 110g
Applicable equipment wiring	Two-wire

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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