

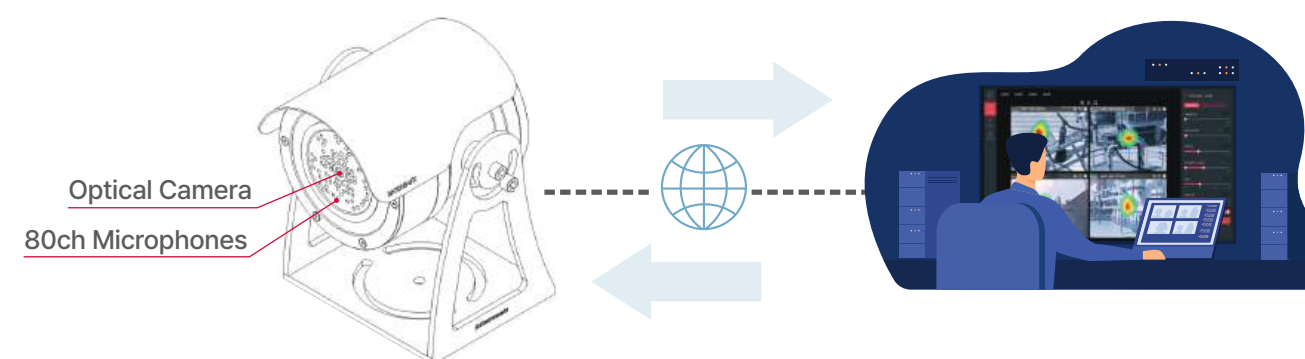
Fixed Ultrasonic Camera with Explosion Protection (ZONE 1)

BATCAM eFX

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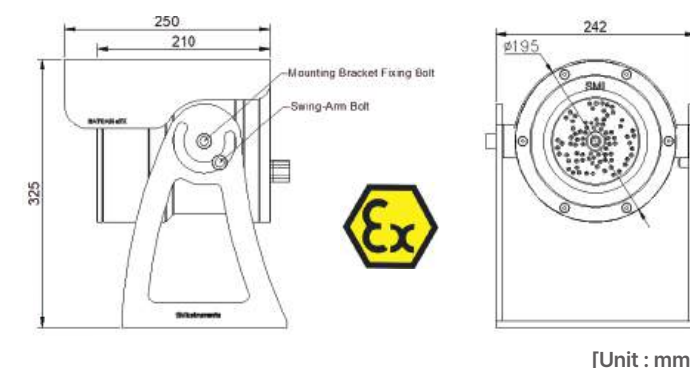
See What You've Been Missing
Surveillance for safety and facility protection in any hazardous area

BATCAM eFX is a network-type fixed ultrasonic camera designed for use in hazardous areas. Utilizing multiple microphone arrays, it acquires ultrasonic signals and visualizes sound directly on images. With its robust and reliable design, BATCAM eFX goes beyond simple alarms by accurately identifying leak points through image, enabling a more precise monitoring system. Additionally, it can effectively detect partial discharges in electrical equipment, enhancing overall safety and maintenance efficiency.



Product Specification

Explosive Environment (IECEX, ATEX)	Ex db ib IIC T4 Gb, IP65
Camera Resolution	1600 x 1200
Microphone	80 Ch Microphone
Response Time	25 Hz (0.04 sec)
Frequency Range	2 ~ 48 kHz
Power Supply	PoE, 100~240 V AC
Operating Temperature	-20 ~ 50 °C



Applications

- Detection of gas and air leaks in industrial facilities such as semiconductor and chemical plants
- Leak detection in gas transport systems, including LNG carriers and oil tankers
- Partial discharge detection of electrical equipment



Oil & Gas, Chemical



Power Plants



Semiconductor



LNG & Oil Tankers



Purpose of Use

Detection of gas and air leaks
Partial Discharge Detection of Electrical Equipment



Method of Measurement

Real-time Sound Source Localization and Visualization
Using 80-Channel Digital MEMS Microphone Array



Power Supply and Connection Methods

PoE 100-240 VAC, PoE+/PoE++, Power Consumption Max. 30W

BATCAM eFX

 **BATCAM**

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