



DigiFact E[®] (LE-875)

IP MICROPHONE

The Louroe DigiFact E is an ONVIF Profile "T" compatible, wall mounted IP Network microphone designed to provide one-way audio monitoring with an omni-directional microphone. The unit, housed in a vandal and NEMA water resistant enclosure, harnesses the value of networked audio monitoring technology which analyzes and streams bi-directional audio. Integrating into the Louroe Microphone Application Platform (LMAP), these wide dynamic range audio devices deliver the broad frequency response that users seek, capable of sensitivity in picking up low and-high frequency audibles. Featuring a robust quad-core microprocessor selected to deliver "judicial" quality audio, the LE875 is capable of running an analytical application which detects, and processes sounds of a threat including:

- Pre-set decibel audible alarm
- Belligerent voice/aggressive voice signals
- Breaking glass
- Car/panic alarms
- Gunshots/explosions
- Other user specific sounds



Education



Commercial



Law Enforcement



Banking



Healthcare

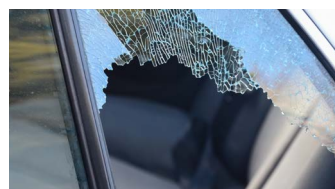
Threat Detection



Aggression Detector



Explosion Detector



Glass Break Detector



Car Alarm Detector

Markets:

- Ideal for education, law enforcement, hospitals, banks and other commercial applications

Features:

- Structured cable connection
- Auxiliary microphone input & speaker output ports, expanding device capabilities
- Stand-alone network one-way audio communication devices
- PoE connectivity (IEEE 802.3af compliant)
- Alarm reporting via relay outputs and POST messages
- Sound decibel level threshold alarming
- Open API for ease of integration
- Manufacturer proprietary software
- Compatible with leading ONVIF-compliant NVR's, VMS and other monitoring solutions

Compatible With:

- API integration with Video Management Systems
- Audio Analytics including Gunshot and Aggression detection

Technical Specifications:

Audio	
Audio Streaming	One-Way
Pick Up Pattern	Omni-directional
Sensitivity	- 45 dBV/Pa, 1Pa = 94dB SPL
Frequency Response	50 Hz to 15 kHz
Network	
Supported Protocols	ONVIF Profile T, IPv4, HTTPS, RTSP, RTP, TCP
Security	Password protection, user level access
General	
Enclosure	Weather resistant aluminum alloy
Power	Power over Ethernet IEEE802.3af Optional external 5V DC 2A
Memory	512 MB RAM
Event Trigger	Audio Analytics, Decibel Threshold
Event Actions	HTTP Post, TCP notification, external output activation, pre-and post-alarm audio recording
Connectors	<ul style="list-style-type: none"> • RJ45 for 10BASE-T/100BASE-TX PoE • 10-pin terminal block for x2 Input ports, x4 Output ports, external 5VDC input • x1 auxiliary electret condenser microphone input

Case Studies Available:
louroe.com/casestudies

