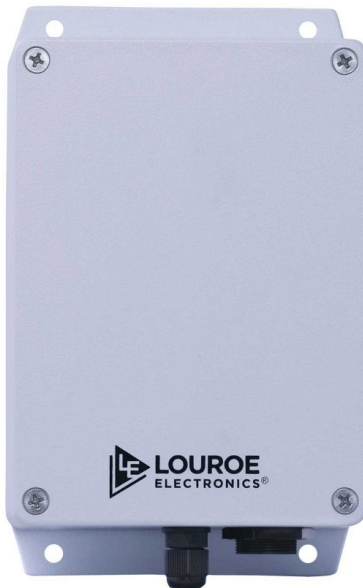


#### DESCRIPTION

The The Digifact™ E is a networked audio monitoring and streaming device which streams audio over several industry standard RTP protocols. The wide dynamic range microphone supports a wide frequency response capable of picking up low and high frequency sounds. The device features a robust quad-core microprocessor that has the capability of integrating signal processing applications, audio enhancements and analytic applications. Analytic applications can be added to the device to detect and report events such as:

- Aggression/Duress
- Explosions
- Breaking Glass
- Car/Panic Alarms



**Front**



**Rear**

#### NOTE:

DigiFact E Microphone is NOT recommended for outdoor use or in areas with high moisture content.

## TECHNICAL SPECIFICATIONS

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### AUDIO

Audio Streaming:	One-way
Audio Compression:	PCM G.711 a-Law G.711 mu-Law G.726-40 AAC
Sensitivity:	-45 dBV/Pa, 1 Pa = 94 dB SPL
Frequency Response:	40 Hz to 15 kHz

### NETWORK

Security:	Password protection, user level access (admin and operator)
Supported protocols:	IPv4, HTTP, RTSP, RTP, TCP

### SYSTEM INTEGRATION

Application programming interface	Open API for software integration
Analytics:	Louroe/SI audio analytics, audio level (dB) alarm
Event triggers:	Analytics, audio level
Event actions:	TCP notification, external output activation, pre and post-alarm audio recording

### GENERAL

Enclosure:	Aluminum Alloy
Power:	Power over Ethernet IEEE802.3af <u>optional</u> external 5V DC 2A (2-pin header)
Memory:	512 MB RAM
Event triggers:	Audio analytics, decibel threshold
Event actions:	TCP notification, external output activation, pre and post-alarm audio recording to Network Attached Storage (NAS)
Connectors:	Female RJ45 for 10BASE-T/100BASE-TX PoE; 5-pin header for x4 outputs (5V DC), max load 100mA; 2-pin header for 5V DC 2A input
Operating Conditions:	-0°C to 70°C
Storage Conditions:	-30°C to 60°C
Dimensions:	4.5" L x 7.5" H x 3" W
Weight:	2.0 lbs
Packaged weight:	2.9 lbs
Included accessories:	User manual, 5-pin and 2-pin headers

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MANUFACTURED  
IN THE



## WARRANTY

LOUROE ELECTRONICS warrants that at the time of shipment products manufactured by LOUROE ELECTRONICS to be free of defects in material and workmanship.

Should a defect appear within two years (24 months) from date of shipment, LOUROE ELECTRONICS will, at its sole discretion, repair or replace the defective equipment.

This equipment shall not be accepted for repair or return without prior notification by LOUROE ELECTRONICS .

This warranty does not extend to any Louroe product that has been subjected to improper or incorrect installation, misuse, accident, or in violation of installation instructions provided by LOUROE ELECTRONICS.

Returned shipments to LOUROE ELECTRONICS shall be at customer's expense. LOUROE ELECTRONICS will return the equipment prepaid via best way.

### IMPORTANT NOTICE

When this equipment is used as part of an audio monitoring system, the law requires that the public be given notice of AUDIO MONITORING ON THE PREMISES. A decal notice is included with each microphone shipped



Federal Law References:  
Federal Regulations, US Code, Title 18. Crime  
and Criminal Procedure, Sec 2510.