

AUDIO

Please Note! All specifications are subject to change without notice.

Audio Streaming:	One-way, 2 x Channels (Half Duplex)
Audio Compression:	PCM, 16 bits linear, G.711 mu-Law
Microphone:	High sensitivity, Omni-Directional condenser MIC element
Mic Sensitivity:	-45 dBV/Pa, 1 Pa = 94 dB SPL
Mic Frequency Response:	50 Hz to 15 KHz

NETWORK

Security:	Password protection, user level access (Admin and Operator), see page 3
Network Protocols:	ONVIF Profile T, S, IPv4, HTTP, RTSP, RTP, TCP, UDP

SYSTEM INTEGRATION

Interface Analytics:	Louroe audio analytics, audio level threshold (dB) alarm
Event Triggers:	Analytics, audio level, digital I/O port
Event Actions:	TCP notification, external output digital I/O activation, pre and post-alarm audio recording.

GENERAL

Enclosure:	Heavy Duty UV Rated Plastic Enclosure
Power PoE:	Power over Ethernet IEEE802.3af, 1 x RJ45 jack, see Page 2, Diagram 1A
External DC Power:	5V, DC 2A. (10 Position Terminal Block), see Page 2, Diagram 1A. (Digital I/O, DC Power).
Digital Output Ports 1-4:	5Vdc, max load 100ma; Ports 1-4, 25ma ea.. 10 Position Terminal Block, Refer to Page 2 for connectivity.
Digital Input Ports 1-2:	2 x 5Vdc (High Logic)
5Vdc Power Output:	5Vdc, 100ma max, 10 Position Terminal Block
Power/Function Indicator:	5MM Blue L.E.D.
Processor:	64-bit quad-core Cortex-A72 processor
Memory:	4GB LPDDR4 RAM
System Boot-up Cold Start:	Less than 1 Minute
Power Loss Recovery Time:	1.5 Minutes
Test-Reset Button SW1:	Button 3-6 second reboot. 6-20 seconds production button with IP address and record/playback. 20+ seconds factory reset, see Page 2 for button.
Network Data Connectivity:	10/100/1000
Event Triggers:	Audio analytics, decibel threshold
Event Actions:	TCP notification, external output activation, pre and post-alarm audio recording to Network Attached Storage (NAS).
Chassis IP Connector:	RJ45 Female Jack (POE, Gigabit Ethernet Port), refer to Page 2 for connectivity.
Internal Connectivity:	10 Position terminal block for Input/Output and external 5Vdc power
Operating Conditions:	-20°C to 50°C Humidity 10-85% RH
Storage Conditions:	-30°C to 60°C
Chassis Dimensions:	Circumference: 6.0 inches, (152.4mm) x Height: 2.10 inches, (53.34mm) inches (76.2mm)
LE-870 Chassis Weight:	1.5 lb's
Packaged Shipping Weight:	1.75 lb's
Included in Package:	1 x LE-870, 1 x User Manual: Installation and Operating Instructions
Optional Accessories:	LE-842 Single Channel Relay Board with N/O, N/C Contacts

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 one year (12 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.