



SeaHawk LD5200

Protecting a facility from damaging leaks is an important part of any disaster mitigation plan. RLE Technologies' LD5200 pairs superior leak detection technology with an easy-to-use interface. This integration helps users to quickly and efficiently establish a distance-read leak detection system that reliably protects valuable assets.

RLE Technologies designed the LD5200 with the end-user in mind. All basic device functionality is available from the LCD touch screen — configure, monitor, locate, and acknowledge leaks from the front panel of the LD5200. This allows the LD5200 to be used as a stand-alone device without sacrificing any leak detection or alarm notification functionality.

Once the LD5200 is connected to a network, a robust web interface expands the capabilities of the unit. Use the web interface's interactive facility mapping tool to create an interactive overlay that displays on top of an uploaded floor map image. When a leak is detected, the LD5200 displays its location on the map, making leak location quick and easy.

While the LD5200 can function as a stand-alone device, it also has powerful integration capabilities. Multiple communication protocols allow the LD5200 to act as a master for a wide variety of related slave devices. The highly scalable LD5200 can provide leak detection and notification for an entire building through one IP address. It can also seamlessly integrate into a BMS or NMS. The LD5200 is ideal for applications that require a stand-alone system that can also be integrated into a larger centralized monitoring system.

Features

- Monitor up to 10,000 feet of conductive fluid sensing cable or 7,000 feet of chemical sensing cable
- Act as a master device for up to 127 RLE leak detection controllers
- Configure up to 32 virtual zones
- Send direct email alarm notification
- Access the device remotely via the robust web interface
- Create up to 10 interactive leak detection reference maps
- Log an extensive variety of events and alarms

Benefits

- Stand-alone or integrated leak detection and notification
- Pinpoint leaks quickly and accurately
- Manage an entire building's leak detection system through one IP address
- Annunciate multiple, simultaneous leaks when other RLE distance-read controllers are integrated into the system
- Access the device remotely - any time, any place
- Detailed alarm history with time and date stamp assists in troubleshooting

SeaHawk
TS-LD5200

Alarm Status	No Alarm
Cable Length	1074 FT
Cable Current	0.000A
Log 1 Resistance	2071 Ohms
Log 2 Resistance	9903 Ohms
Leak Alarm Delay Count	0 Seconds
Confirmation Alarm Delay Count	0 Seconds
No Alarm Countdown	Enabled
Last Alarm Time	01/14/12 15:01:00 - (Last Detected)
Reset Time	12:00:00 PM 02/04/12 00:00:00

Controller #1: 101100 View Data
Controller #2: 101100 View Data
Controller #3: 101100 View Data
Controller #4: 101100 View Data

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Operations Floor LD5200

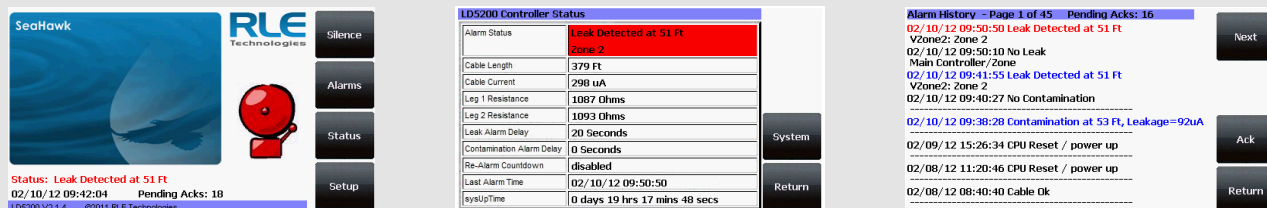
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A robust web interface supports remote access - any time, any place.

Leak Detection

www.rletech.com

A touch screen LCD supports all basic device functionality.



LD5200 Specifications

Power	100-240VAC@ 500mA max, 50/60Hz
Included Accessories	Leader cable and EOL terminator
Inputs	Sensing Cable One Cable Input Maximum Length Minimum Length Detection Accuracy Detection Repeatability Detection Response Time Compatible with all SeaHawk sensing cables (not included) Requires 15ft (4.57m) leader cable and EOL (included) Up to 10,000ft (3048m) of conductive fluid sensing cable or 7,000ft (2134m) of chemical sensing cable 35ft (10.67m) ± 2ft (0.6m) +/- 0.5% of the cable length ± 2ft (0.6m) +/- 0.25% of the cable length 5-990 seconds, ±2 seconds; software adjustable in 5 second increments
Outputs	Analog Relays Maintenance Relay 4-20mA Loop Powered, 18-36VDC, $R_L = 500\Omega$ max. 2 Form C Leak Relays, 2 Form C Cable Break Relays; 1A @ 24VDC, 0.5A resistive @ 120VAC; configurable for supervised or non-supervised, latched or non-latched 1A @ 24VDC, 0.5A resistive @ 120VAC; configurable for supervised or non-supervised, latched or non-latched
Communication Ports	EIA-485 (Port 1, Port 2, Port 3) EIA-232 RJ-45 9600, 19200, or 38400 baud (selectable); No parity, 8 data bits, 1 stop bit 9600 baud; No parity, 8 data bits, 1 stop bit 10/100BaseT Ethernet port (TCP/IP)
Protocols	EIA-485 EIA-232 RJ-45 Modbus RTU, Master & Slave; BACnet MS/TP; N2, Slave Terminal emulation, VT100 compatible Ethernet, TCP/IP; Modbus/TCP/UDP, Master & Slave; SNMP V1, V2, V3, NTP, SMTP, DNS; BACnet/IP
Alarm Notification	Audible Alarm Visible Alarm 85dBA @ 2ft (0.6m); re-sound 0-999min. Alarm indicated on LCD touch screen and through web interface
Logging Capabilities	Event Log Trend Log Logs are downloadable to .txt file Last 1,024 events Cable current level every day, for the last 365 days
Login Security	LCD Touch Screen Web Interface No password required to view controller status and data. Administrator password limits access to configuration options. Username and password can be configured.
Front Panel Interface	Display 480 x 272 pixel color backlit LCD touch screen; 95.04mm x 53.85mm
Operating Environment	Temperature Humidity Altitude 32° to 122°F (0° to 50°C) 5% to 95% RH, non-condensing 15,000ft (4,572m) max.
Storage Environment	-4° to 158°F (-20° to 70°C)
Dimensions	12.5"W x 10"H x 3.25"D (318mmW x 254mmH x 83mmD)
Weight	8.2lbs. (3.7kg)
Mounting	Type 1 wall mount enclosure
Certifications	CE; ETL listed: conforms to UL 61010-1, EN 61010-1; certified to CSA C22.2 NO. 61010-1; RoHS compliant

