

SENTRALINK™ DR

Remote monitoring system



REMOTE MONITOR AND DATA-LOGGING SYSTEM FOR SENSORS, TRANSDUCERS, AND FIELD OPERATIONS EQUIPMENT

The Lindsay SentraLink DR remote data acquisition and logging system can revolutionize data collection and monitoring from any type of field sensor. The unit has four 4-20mA, 0-5V, or 0-10V sensor/transducer inputs with data sampling intervals down to 250ms, and all measurements are stored in 8GB of internal memory. The unit utilizes a user-definable “floating dead-band” enabling the unit to track and immediately report significant incremental data changes as well as extreme alarm conditions. SentraLink DR’s are equipped with two additional digital inputs for use as status/tamper alarms or pulse accumulation.







The Lindsay SentraLink DR supports a daily timed reporting/reset capability for billing cycle purposes and also accommodates monthly reset intervals. The Elecsys SentraLink DR combines the data frequency and availability demands of the control room with the economical operation of report by exception monitoring to enable total access to data from any device, anywhere!

KEY FEATURES:

- + 4 high-speed (250ms) sensor/transducer inputs, and 2 digital dry-contact/pulse accumulator inputs
- + Surge-resistant circuitry
- + Rechargeable NiCd backup battery for notification of power failure
- + Programmable over the web



APPLICATIONS

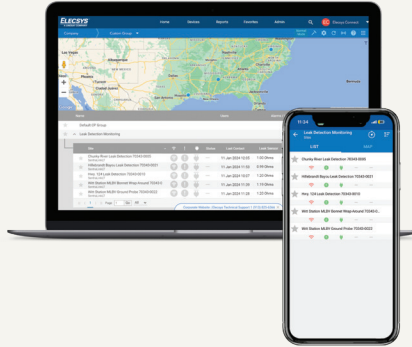
 <p>Well site monitoring</p>	 <p>Remote multi-channel data logging</p>	 <p>Regulator station monitoring</p>	 <p>Pressure monitoring</p>	 <p>Tank level monitoring</p>	 <p>Lift station monitoring</p>
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POWERED BY

ELECSYS+CONNECT™

Web and mobile data access

Elecsys Connect™ gives you access to all your remote monitoring units (RMUs) in one easy-to-use application. Viewable on a smart phone, tablet, or computer - anywhere you have web access - see what's happening with rectifiers, lift stations, test points and transducers in the field.



MAJOR MARKETS

- + Oil
- + Gas
- + Water
- + Agriculture



PRODUCT SPECIFICATIONS

Communications	<ul style="list-style-type: none">+ Digital Cellular+ IDP Satellite+ Modbus
Input Connections (sensor/transducer)	<ul style="list-style-type: none">+ Channels 1 - 4: Sensor excitation voltage 24VDC<ul style="list-style-type: none">· 1-5 Volt 3-wire sensor (1% of measurement accuracy and 1mV resolution)· 1-10 Volt 3-wire sensor (1% of measurement accuracy and 1mV resolution)· 4-20 mA 2-wire sensor (1% of measurement accuracy and 1uA resolution)· 4-20 mA 3-wire sensor (1% of measurement accuracy and 1uA resolution)+ Sample frequencies independently selectable for all channels:<ul style="list-style-type: none">· 250ms, 500ms, 1sec, 10sec, 30sec, 1min, 10min, 1hr, 4hrs, 8hrs, 12hrs, 24hrs
Input Connection (digital)	<ul style="list-style-type: none">+ Channels 5 and 6 - Digital inputs configurable for dry-contact alarm or status reporting (normally open or normally closed), or for pulse accumulation (supports daily and/or monthly billing cycle accumulation and reset)
Power	<ul style="list-style-type: none">+ Power required: 10-35VDC or 12-25VAC external power input+ Internal rechargeable NiCd battery pack provides backup power for alarm notification in the event of a power failure+ Power consumption: 1.8W @15V typical, 20W transmitting
Operating Environment	<ul style="list-style-type: none">+ Temperature: -40°C to +85°C (-20°C to +70°C in battery backup power mode)+ Humidity: 0-95% non-condensing+ Enclosure: Lockable NEMA 4X polycarbonate
Enclosure	<ul style="list-style-type: none">+ 6.5" (155mm) x 8.5" (215mm) x 4" (102mm)
Installation	<ul style="list-style-type: none">+ Universal brackets included for mounting inside a cabinet, pole mount, or post mount+ Connection cables: 1 ea. 7' (2.1m) power cable, 1 ea. 7' (2.1m) measurement cable



To learn more, please visit us at lindsay.com/elecsys or call 913.647.0158

Manufactured in the USA | 846 N. Mart-Way Ct. Olathe, KS 66061 | 913-647-0158 | [LINDSAY.COM/ELECSYS](https://lindsay.com/elecsys)

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