



SensorLink[®]

START WITH THE RIGHT TOOLS

HIGH VOLTAGE SENSOR TECHNOLOGY FOR
INCREASED RELIABILITY + SAFETY



**STAY SAFE WHILE MAKING
QUICK DECISIONS
IN THE FIELD
WITH SENSORLINK'S
LIVE-LINE, HIGH
VOLTAGE INSTRUMENTS**

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SensorLink®

METERS + RECORDERS

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A grayscale photograph of a utility worker on a bucket, working on a wooden utility pole. The pole is covered with various electrical components, including insulators, cross-arms, and multiple power lines. The worker is on the right side of the frame, reaching up towards the pole. The background is a clear, light sky.

KNOW THE LOAD BEFORE WORKING

AMPSTIK® PLUS

HIGH VOLTAGE AMMETER



Use the Ampstik Plus to quickly take accurate current measurements while performing live-line load checks for balancing, switching, or breaking load. The opening of the current sensor is electronically closed, while external currents are rejected. This design allows the user to measure current on both overhead and underground conductors, without any position sensitivity. The Ampstik Plus holds up to four unique readings, eliminating the need to raise and lower a hot stick to view each measurement. The standard Ampstik holds a single reading.

Each Ampstik comes standard with a carrying case.
Visit www.sensorlink.com for full product specification.
Hot stick not included.

PRODUCT SPECIFICATIONS

MODEL	PRODUCT	CURRENT RANGE	VOLTAGE ENVIRONMENT	SENSOR OPENING	ACCURACY
8-020 XT PLUS	True RMS Ammeter	.5 - 5000 A	0 - 500 KV	2.5 in (6.35 cm)	±1%, ±2 counts
8-024 PLUS	True RMS Ammeter, Wide Jaw	.5 - 2000 A	0 - 500 KV	4 in (10.16 cm)	±1%, ±2 counts

RADIO AMPSTIK®

RADIO LINKED HIGH VOLTAGE AMMETER

The Radio Ampstik communicates current measurements directly to the remote display. Position the sensor over the conductor and the receiver will immediately begin displaying the live-line current at a rate of three measurements per second. Capture the reading on the display with a push of the switch, and move to the next conductor to repeat the process. The remote display communicates up to 50 feet from the sensor and can be held by the user, mounted to a hot stick, or hung on a bucket.



Each Radio Ampstik Kit comes standard with a carrying case.
Visit www.sensorlink.com for full product specification.
Hot stick not included.

PRODUCT SPECIFICATIONS

MODEL	PRODUCT	CURRENT RANGE	VOLTAGE ENVIRONMENT	SENSOR OPENING	ACCURACY
6-122 XT	Radio Linked Ammeter Kit	1 - 5000 A	0 - 69 KV	2.5 in (6.35 cm)	±1%, ±2 counts
6-122 WJ	Radio Linked Ammeter Kit	1 - 5000 A	0 - 69 KV	4 in (10.16 cm)	±1%, ±2 counts



TROUBLESHOOTING RESOURCES

RADIO VOLTSTIK

RADIO LINKED VOLTMETER



The Radio Voltstik is a distribution voltmeter designed to allow a lineman to measure primary voltage with a single stick operation. Users are able to safely take accurate phase-to-phase or phase-to-ground measurements with one volt resolution. The remote radio display shows a full five digit scale and updates the live-line reading three times per second, giving users instant reading confirmation. A single push of the switch will hold the displayed voltage measurement. The display holds up to four measurements for later review.

Each Radio Voltstik Kit comes standard with a carrying case. Visit www.sensorlink.com for full product specification. Hot stick not included.

PRODUCT SPECIFICATIONS

MODEL	PRODUCT	VOLTAGE RANGE	RESOLUTION	ACCURACY
6-133	Radio Linked Voltmeter Kit	0 - 37,000 VAC	1 Volt	±1%, ±2 counts



TROUBLEMAN'S KIT

RADIO LINKED AMMETER + VOLTMETER

The SensorLink Troubleman's Kit combines the Radio Ampstik and the Radio Voltstik. These instruments are designed to assist electric utility troubleshooters in resolving problems in low and medium distribution circuits. By selecting the correct measurement mode, the remote radio receiver displays either amp or volt measurements. While in the HOLD mode, the display will hold up to four current or volt readings. This practical and useful display allows the user to keep both eyes and hands on the task of taking the measurement.

Each Troubleman's Kit comes standard with a carrying case.
Visit www.sensorlink.com for full product specification.
Hot stick not included.



PRODUCT SPECIFICATIONS

MODEL	PRODUCT	CURRENT RANGE	VOLTAGE RANGE	RESOLUTION	ACCURACY
6-333	Radio Ammeter + Voltmeter Kit				
	Radio Ammeter	1 - 5000 A	-	1 Amp	± 1%, ±2 counts
	Radio Voltmeter	-	0 - 37,000 VAC	1 Volt	± 1%, ±2 counts

SURVEY POWER QUALITY PROBLEMS

QUALSTIK PLUS

LIVE-LINE POWER QUALITY METER



The Qualstik Plus is a live-line tool for comprehensive power quality measurements and researching problem sources on the distribution system. It measures current, leading or lagging power factor, direction of current flow, and Amps THD. The current reading is shown on one line of the display while the power factor and THD readings share the other line. The direction of current flow indication shows below the other readings on the display. The Qualstik Plus is designed to store up to nine sets of readings, which the user is then able to scroll through for review and notation.

Each Qualstik Plus comes standard with a carrying case.
Visit www.sensorlink.com for full product specification.
Hot stick not included.

PRODUCT SPECIFICATIONS

MODEL	PRODUCT	CURRENT RANGE	VOLTAGE ENVIRONMENT	SENSOR OPENING	ACCURACY
8-061 XT PLUS	Power Quality Meter	1 - 2000 A	0 - 500 KV	2.5 in (6.35 cm)	±1%, ±2 counts Amps
8-062 PLUS	Power Quality Meter, Wide Jaw	1 - 2000 A	0 - 500 KV	3.86 in (9.8 cm)	±1%, ±2 counts Amps

A Qualstik Plus non-contact voltage detector is shown against a dark teal background. The device is grey and yellow, with a digital display showing '0'. It has two large black handles at the top. Safety labels are visible, including 'QualstikPlus', 'CAUTION: The entire meter is at the same potential. DO NOT compromise air gap of adjacent phases or ground while meter is in contact with an energized line.', 'ON - FUNCTION', 'Air Vent', and 'Do Not Block Air Vent'.

**EASY TO USE
INSTRUMENTS
THAT PROVIDE
UTILITY PERSONNEL
CONFIDENCE
TO WORK SAFELY
WHILE MAKING
DECISIONS
IN THE FIELD**

OHMSTIK PLUS

LIVE-LINE MICRO OHMMETER



The Ohmstik Plus takes accurate current and micro-ohm measurements from conductors, connectors, splices, and switching devices when positioned directly on the energized asset. The measurements taken provide accurate resistance ratios for determining the aging of the conductor. This method is more direct than infrared thermography, and is not subject to emissivity, weather, current loading, background, and other influences that cause infrared errors. The Ohmstik Plus automatically holds a reading, and stores up to nine sets of measurements.

Each Ohmstik Plus Kit comes standard with a carrying case and all accessories necessary for taking measurements. Visit www.sensorlink.com for full product specification. Hot stick not included.

PRODUCT SPECIFICATIONS				
MODEL	PRODUCT	CURRENT RANGE	VOLTAGE ENVIRONMENT	SENSOR OPENING
8-082	Micro Ohmmeter	1 - 1400 A	0 - 500 KV	2.5 in (6.35 cm)
8-084	Micro Ohmmeter, Wide Jaw	1 - 1400 A	0 - 500 KV	3.86 in (9.8 cm)

RADIO OHMSTIK

RADIO LINKED LIVE-LINE MICRO OHMMETER

The Radio Ohmstik is capable of transmitting live-line measurements via radio to both a Remote Display Unit and a nearby computer. With the optional GPS device installed on the computer, all measurement, location, time, and date data is automatically written and saved to a comma separated (CSV) file for future review and analysis. The user is able to confirm the reading on the remote display, while the readings are automatically written to software. This method simplifies data notation when conducting line maintenance surveys.

Each Radio Ohmstik Kit comes standard with a carrying case and all accessories necessary for taking measurements. Visit www.sensorlink.com for full product specification. Hot stick not included.



PRODUCT SPECIFICATIONS				
MODEL	PRODUCT	CURRENT RANGE	VOLTAGE ENVIRONMENT	SENSOR OPENING
8-182	Radio Linked Micro Ohmmeter	1 - 1400 A	0 - 500 KV	2.5 in (6.35 cm)
8-184	Radio Linked Micro Ohmmeter, Wide Jaw	1 - 1400 A	0 - 500 KV	3.86 in (9.8 cm)



EFFECTIVELY REDUCE CONNECTOR FAILURE RATES

MEASURE PRIMARY WAVEFORMS

AMP LITEWIRE

HIGH VOLTAGE AMMETER PROBE



The Amp Litewire is a high voltage ammeter designed to measure True RMS current on the primary side of distribution networks. The sensor probe is attached to an insulated hot stick and positioned onto the medium or high voltage line. A fiber optic cable connects the sensor probe to a receiver, which delivers the current waveform as an analog output to a meter analyzer. This probe provides users the ability to use a sophisticated low voltage analyzer, which is otherwise incapable of measuring primary distribution in high voltage environments.

Carrying case sold separate.
Visit www.sensorlink.com for full product specification.
Hot stick not included.

PRODUCT SPECIFICATIONS

MODEL	PRODUCT	CURRENT RANGE	VOLTAGE ENVIRONMENT	SENSOR OPENING	ACCURACY
8-117 XT	Amp Litewire	1 - 2000 A	0 - 433 KV	2.5 in (6.35 cm)	± 1%, ± 0.1 mV
8-117 WJ	Amp Litewire, Wide Jaw	1 - 2000 A	0 - 433 KV	4 in (10.16 cm)	± 1%, ± 0.1 mV



VOLT LITEWIRE

MEDIUM VOLTAGE PROBE

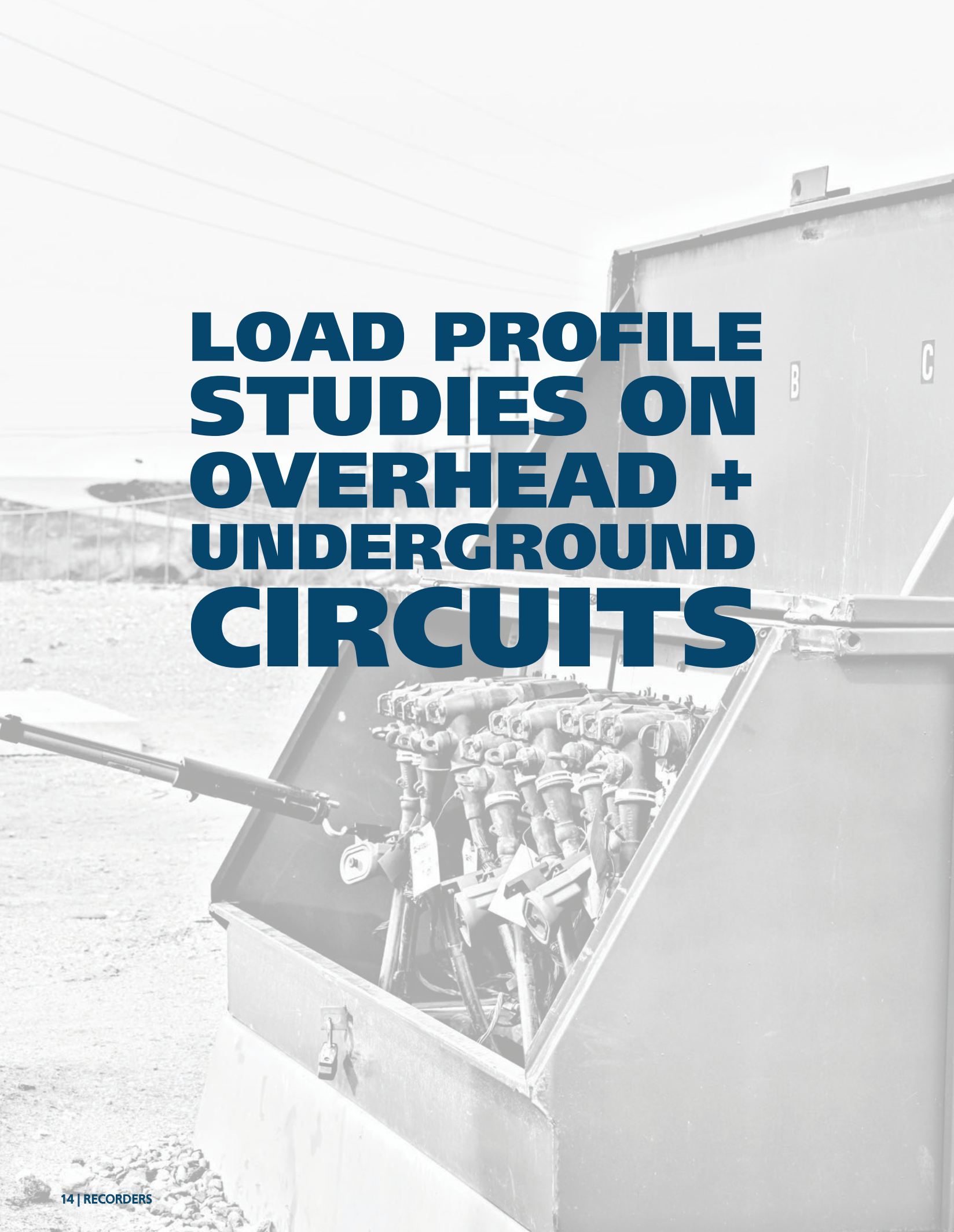
The Volt Litewire is a distribution voltage voltmeter with a fiber optic link between the high voltage sensor and the receiver at ground potential. The receiver connects to a low voltage analyzer for primary waveform analysis. The sensor is mounted on a hot stick and placed onto a medium voltage line. The sensor has no moving parts and does not require clamping onto the line. The analog output is a reproduction of the high voltage current waveform, accurate to the 40th harmonic, and available as a 0-2 volt AC signal at ground.

Carrying case sold separate.
Grounding cable sold separate and available in 10', 20', 30', or 40' lengths.
Visit www.sensorlink.com for full product specification.
Hot stick not included.



PRODUCT SPECIFICATIONS

MODEL	PRODUCT	VOLTAGE RANGE	ACCURACY
8-014	Volt Litewire	1 - 40 KV	± 2%

A grayscale photograph of an open electrical substation cabinet. The cabinet is dark-colored and has its front door open, revealing a complex array of internal electrical components, including numerous circuit breakers and busbars. A long, thin metal rod or tool is visible on the left side, extending into the cabinet. The background shows a utility area with power lines and a fence. Overlaid on the image is a large, bold, blue title.

LOAD PROFILE STUDIES ON OVERHEAD + UNDERGROUND CIRCUITS

AMCORDER

OVERHEAD RECORDING AMMETER



The Amcorder quickly deploys on overhead lines and immediately begins to log average current readings that have been set at user defined intervals for 90+ days. This medium voltage amp recorder is designed for temporary deployment and is easily installed and removed from the line. Once removed from the line, measurement data is downloaded into SensorLink's Softlink software via IRDA. The downloaded data can be viewed, graphed, and saved as an .xls or .csv file for analyzing in other data management programs.

Each Amcorder Kit comes standard with a carrying case and all accessories necessary for setting up, recording, and retrieving measurements. Visit www.sensorlink.com for full product specification. Hot stick not included.

PRODUCT SPECIFICATIONS

MODEL	PRODUCT	CURRENT RANGE	VOLTAGE ENVIRONMENT	SENSOR OPENING	ACCURACY
6-920-1	Amcorder Kit, Single Phase	1 - 1000 A	0 - 69 KV	up to 1.3 in (3.3 cm)	±1%, ±2 counts
6-920-3*	Amcorder Kit, Three Phase	1 - 1000 A	0 - 69 KV	up to 1.3 in (3.3 cm)	±1%, ±2 counts

AMCORDER UG

UNDERGROUND RECORDING AMMETER

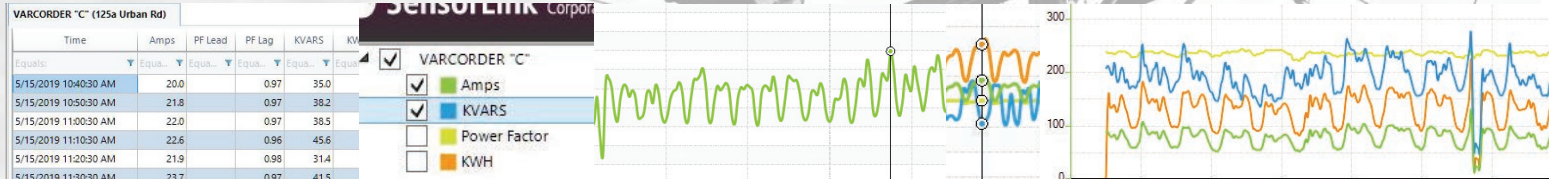
The Amcorder UG deploys on an elbow to record average current readings at user defined intervals for up to 90+ days. It attaches to a shotgun style hot stick and securely clamps to the line. Once deployed, it immediately begins to record. The housing is built to operate safely, even in severe utility environments; it is resistant to shock, not susceptible to flame, and is submersible to 6 feet. The non-conductive clamp assembly allows it to securely hang vertically beneath the elbow. Data is downloaded via IRDA into SensorLink's Softlink software.

Each Amcorder Kit comes standard with a carrying case and accessories necessary for setting up, recording, and communicating measurements. Visit www.sensorlink.com for full product specification. Hot stick not included.



PRODUCT SPECIFICATIONS

MODEL	PRODUCT	CURRENT RANGE	VOLTAGE ENVIRONMENT	SENSOR OPENING	ACCURACY
6-920-UG-1	UG Amcorder Kit, Single Phase	1 - 1000 A	0 - 69 KV	up to 2.5" in (6.3 cm)	±1%, ±2 counts
6-920-UG-3	UG Amcorder Kit, Three Phase	1 - 1000 A	0 - 69 KV	up to 2.5" in (6.3 cm)	±1%, ±2 counts



OPTIMIZE OVERHEAD DISTRIBUTION

VARCORDER

AMP, POWER FACTOR, AND VAR RECORDER



The Varcorder measures and records amps and power factor. A voltage constant is then applied in software to calculate VARs. True power factor is calculated by measuring the electric field in comparison with the current measured by the Varcorder and requires a direct connection to the bare connector. Once removed from the line, the data is downloaded into SensorLink's Softlink software via IRDA. The downloaded data can be viewed, graphed, and saved as an .xls or .csv file for analyzing in other data management programs.

Each Varcorder Kit comes standard with a carrying case and all accessories necessary for setting up, recording, and communicating measurements. Visit www.sensorlink.com for full product specification. Hot stick not included.

PRODUCT SPECIFICATIONS

MODEL	PRODUCT	CURRENT RANGE	VOLTAGE RANGE	SENSOR OPENING	ACCURACY
6-910-1	Varcorder Kit, Single Phase	1 - 2000 A	0 - 69 KV	up to 1.3" in (3.3 cm)	±1%, ±2 counts Amps
6-910-3	Varcorder Kit, Three Phase	1 - 2000 A	0 - 69 KV	up to 1.3" in (3.3 cm)	±1%, ±2 counts Amps



TRANSCORDER

RECORDER RADIO MODULE

The Radio Transcorder easily installs directly onto overhead SensorLink Varcorders or Amcorders, and provides users the capability to setup and download data directly from up to six recorders while they are still deployed on the line. The Transcorder communicates via USB radio to the user's laptop running SensorLink's Softlink software. The radio has a 300 foot line-of-sight communication distance. Two 9 volt alkaline batteries will last more than three months if the recorder is downloaded once a week.



Each Transcorder Kit comes standard with all accessories necessary for fitting onto a Recorder and communicating to Softlink via Radio.
Visit www.sensorlink.com for full product specification.
Hot stick not included.

PRODUCT SPECIFICATIONS			
MODEL	PRODUCT	CURRENT RANGE	VOLTAGE RANGE
6-915-1*	Transcorder Kit, Single Phase	1 - 2000 A	0 - 69 KV
6-915-3	Transcorder Kit, Three Phase	1 - 2000 A	0 - 69 KV



PHASE METER

The Phase Meter includes a pair of wireless phase sensors that communicate to a radio display for safe and simple phase relationship confirmation.

Providing both **voltage indication** and **phase angle** for quick field verification.



NEW TOOLS SAME SENSORLINK



CHECK OUT THE
NEW PRODUCTS



<https://sensorlink.com/new-product>



SensorLink®

CERTIFICATION

SensorLink Corporation is ISO 9001: 2015 Certified.

SensorLink Corporation is committed to designing and manufacturing products through the use of Quality Management System with a focus on:

- Conformance to requirements
- Zero defects
- Heeding customer feedback
- Continual improvement of all processes

CUSTOMER SERVICE

It is our goal to provide excellent customer service and support to existing and new customers. Please contact us direct for questions or to order service parts at:

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ABOUT US

SensorLink Corporation has engineered and manufactured live-line meters and recorders for high voltage applications for more than 30 years.

Our team is dedicated to designing, manufacturing, and selling high quality, easy to use instruments that provide utility personnel the confidence to work safely while making decisions in the field.

Each product is manufactured and tested at our facilities in the USA.

Today, thousands of SensorLink products are in service worldwide.

A directory of our U.S. representatives and global distributors can be found on our website: www.sensorlink.com.