

# Radio Transcorder Recorder Radio Interface

Communicate by radio with any overhead Varcorder or Amcorder

Setup and download while recorder is on the line

Compatible with previously purchased overhead recorders

Transmit up to 300 feet with clear line-of-sight

Convenient access to data, without touching the line



**The Radio Transcorder** is designed to communicate with overhead Varcorders or Amcorders while it is installed on an overhead line. The **Radio Transcorder** is compatible with previous version recorders and easily attaches and communicates directly to a computer running SensorLink's Softlink software via a USB ZigBee radio.

**The Radio Transcorder** provides utility engineers with the ability to drive by installed recorders and setup or download data without requiring a line crew to remove the units from the line. This capability improves the speed to gather and analyze the data.

Line crews can then be scheduled to retrieve and relocate the recorders for further studies.

**Softlink identifies** each recorder by its user definable name and the serial number of the Recorder Radio Module. The identification enables the user to setup and download up to nine individual recorders.

**Two 9 volt alkaline batteries** will last more than three months if the recorder is downloaded once a week. Downloading more frequently will decrease the expected battery life. A lithium ion batteries will double the battery life.

The recorder's battery life is limited by the sample interval (see the Amcorder or Varcorder user's manual for battery life details of the units).

**The communication distance** of the radio is rated to 300 feet for all applications.

**For power diversion studies**, the radio adds a component of stealth to the data collection. Collecting data without rolling a line truck in these applications makes for a safer and less detectable method for acquiring the recorded data.

## Applications

Check for load balance

Conduct load studies

Power Diversion Studies

## Radio Transcoder Recorder Radio Interface

Model Number	6-915-3
	3ea Radio Transcoder Module, Model 915
	1 USB Radio Adapter, Model 7-023
	Softlink Software Rev 21 or higher
Radio	
Frequency	ISM 2.4 GHz
Power	63mW (18dBm)
	10mW (10 dBm) for Europe and Japan
Range	300 feet (Line of Sight)
Range of Operation	
Voltage	69 kV
Mechanical	
Weight	7.2 oz, 0.203 kg
Dimensions	2.75" x 3.09" x 3.46", 6.98cm x 7.84cm x 8.79cm
Operating Temperature	-4° to +140° F, -20° to +60° C
Housing	Shock resistant molded urethane
Battery	Two 9V Alkaline or Lithium; (Lithium batteries double battery life. Batteries not included.)
Software Requirements	Windows 98, Windows 2000, XP, XP-Pro, Vista or Windows 7

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