
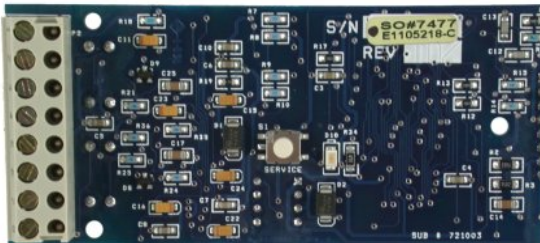
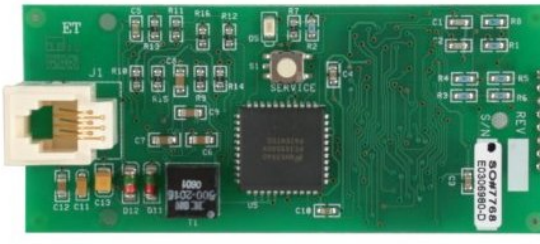










2000 SERIES OPTIONS AND NODES

 A green printed circuit board (PCB) for the NIN option card. It features an Echelon FTT-10A 50051R T0601A transceiver, a SO#7903 microcontroller, and various passive components like resistors and capacitors. A three-pin header is visible on the left side.	<p style="text-align: center;">NIN PART NO. 1220810</p> <p>The NIN is the Network Interface Node. It is used to connect any external nodes to a 2000 series controller. Includes three standoffs for mounting. This option is included with the 2800e series.</p>
 A blue PCB for the 35L option card. It has a SO#7477 microcontroller and a 9-pin DCE connector on the left. The board is populated with numerous resistors, capacitors, and other electronic components.	<p style="text-align: center;">35L PART NO. 1109657</p> <p>The 35L option card provides two channels of isolated or non-isolated 4-20 mA output from a 2000 series controller. Includes three standoffs for mounting.</p>
 A green PCB for the RS2L option card. It features a SO#7791 microcontroller and a 9-pin DCE connector on the left. The board includes a 25-pin DTE connector and various electronic components.	<p style="text-align: center;">RS2L PART NO. 1109658</p> <p>The RS2L option card provides an RS232 communications output for use with the WEBNode, modem, or direct connect to a computer. This option card comes with a 9-pin DCE connector, a 25-pin DTE connector, a 25 ft phone cable, and the LRWS software package. Includes three standoffs for mounting.</p>
 A green PCB for the 2KIN-V1 option card. It is identical in appearance to the NIN option card, featuring an Echelon FTT-10A 50051R T0601A transceiver and a SO#7903 microcontroller.	<p style="text-align: center;">2KIN-V1 PART NO. 1235230</p> <p>The 2KIN-V1 option card allows a 2000 series controller to be attached to a LonWorks twisted pair network using FTT 10. It is one-way communications to the controller. Includes three standoffs for mounting.</p>

NODES

	<p style="text-align: center;">NCON PART NO. 1168513</p> <p>The Node, Conductivity (NCON) is a single channel of conductivity input to a 2000 series controller. A maximum of four NCON options can be used. A conductivity sensor must be ordered separately. The NIN option card is required for operation.</p>
	<p style="text-align: center;">NpH PART NO. 1104522</p> <p>The Node pH (NpH) is a single channel of pH or ORP input to a 2000 series controller. A maximum of four NpH options can be used. A pH or ORP sensor must be ordered separately. The NIN option card is required for operation.</p>
	<p style="text-align: center;">NDIG PART NO. 1165667</p> <p>The Node, Digital Input (NDIG) is four channels of digital input to a 2000 series controller. The first two channels can be used as additional water meter inputs. This node can be used for drum switch inputs. A maximum of two NDIG options can be used for a total of eight digital inputs. The NIN option card is required for operation.</p>
	<p style="text-align: center;">N420I PART NO. 1169706</p> <p>The Node, 4-20 mA Input (N420I) is four channels of 4-20 mA input to a 2000 series controller. A maximum of two N420I options can be used for a total of 8 channels of 4-20 mA input. The NIN option card is required for operation.</p>

 <p>The image shows a grey NEMA 4X enclosure housing a green printed circuit board (PCB) with various electronic components. A power cord with a three-pronged plug is connected to the top of the enclosure. Four black cables with different connectors (two with three-pronged plugs and two with other types) are plugged into the bottom of the enclosure.</p>	<p style="text-align: center;">NRLY W/RECEPTACLES PART NO. 1268833</p> <p>The Node, Relay (NRLY) is four relay outputs in a NEMA 4X enclosure from a 2000 series controller with a power cord and receptacles. The relays are pre-wired for 120 vac output. The NRLY power cord and receptacles can be removed for conduit connections and dry contacts. A maximum of two NRLY options can be used. The NIN option card is required for operation.</p>
 <p>The image displays a conductivity kit. It includes a black cylindrical sensor with a red ring and a purple label, connected to a grey NEMA 4X enclosure labeled 'NCOND'. A metal conduit assembly is also shown, which is used to connect the sensor to the enclosure. A grey lid for the enclosure is placed to the right.</p>	<p style="text-align: center;">NCKT PART NO. 1169439</p> <p>The Node, Conductivity Kit (NCKT) is a four-electrode conductivity sensor, a 3/4 inch solvent-weld plumbing assembly, and an NCON with a NEMA 4X enclosure.</p>
 <p>The image shows a black rectangular power supply unit. It has a two-prong AC power cord on one side and a three-pin DC output connector on the other.</p>	<p style="text-align: center;">PS PART NO. 1107251</p> <p>The Power Supply (PS) is used to provide the +24 vdc to the 2000 series add-on nodes such as the NCON, NRLY, NpH, or NDIG. A PS is required if more than two nodes are attached to a 2000 series controller. This power supply is <u>not</u> necessary when using nodes with a 2800e series controller.</p>

COMMUNICATIONS ACCESSORIES



WEBNODE PART NO. 1268972

The Lakewood Instruments WEBNode connects the 2000 series -RS2L option card to Ethernet networks using the IP protocol family and the Transmission Control Protocol (TCP).



EZWEB WIRELESS PART NO. 1268976

The Lakewood Instruments EZWEB WIRELESS Internet Interface consists of a (Plug and Play) integrated HUB /Router and an EVDO Rev A (3G) wireless connection and connects up to four WEBNodes to the internet through a static IP. It also allows a wireless WLAN connection to the internet. The EZWEB requires a 1 year service agreement, part number 1268977.



CABLE AND CONNECTORS KIT PART NO. 1169333 PHONE CABLE 25 FT. PART NO. 1166336 9-PIN DCE CONNECTOR PART NO. 1167764 25-PIN DTE CONNECTOR PART NO. 1167765

The phone cable and connectors kit includes the phone cable and both the 25-pin DTE connector and the 9-pin DCE connector for use with the RS2L option card.