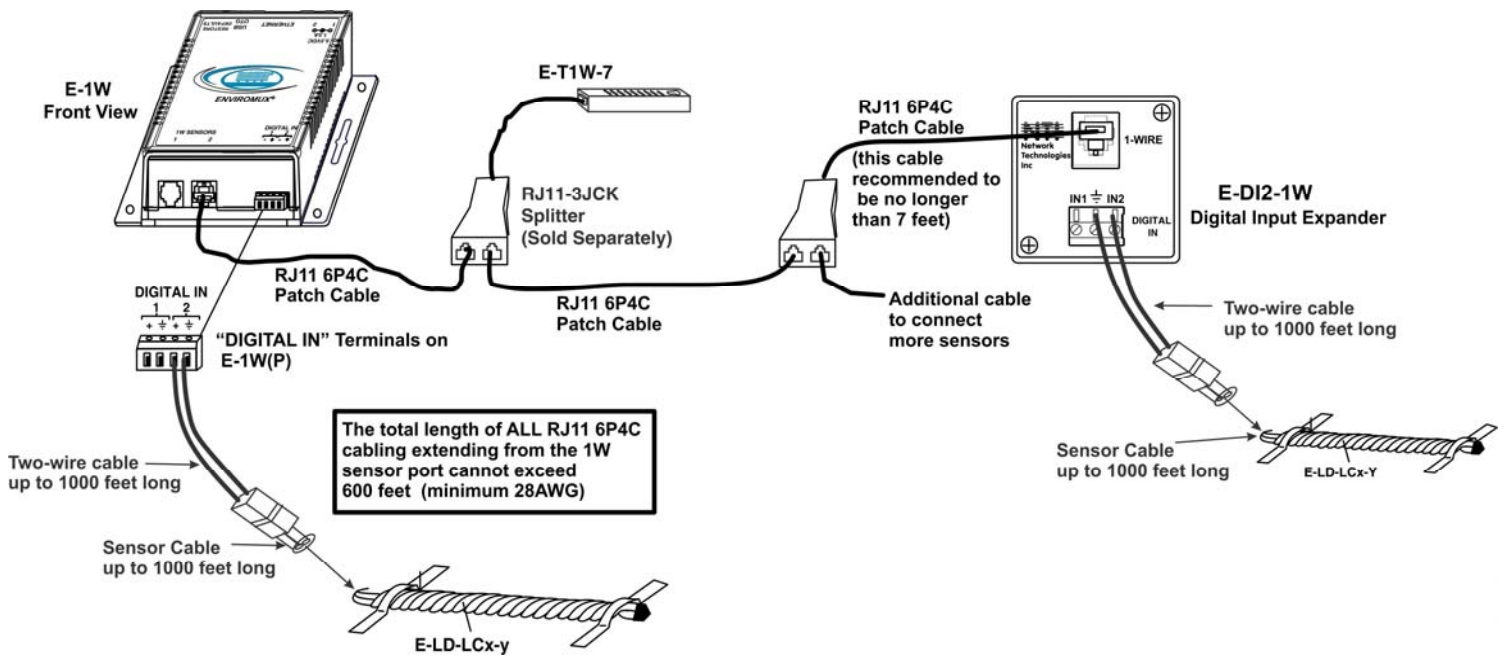


# E-DI2-1W Digital Input Expander Installation Manual

Contact sensors and liquid detection sensors can be connected to the “Digital In” terminals on the E-1W. Another way to connect these sensors is through an E-DI2-1W Digital Input Expander. The Expander provides a way to not only increase the number of these sensors that can be connected, but also to add distance these sensors can be placed away from the E-1W.

The E-DI2-1W can be connected to either of the “1W Sensors” ports up to 600 feet away from the E-1W where up to two contact sensors and/or liquid detection sensors can be attached. Contact and liquid detection sensors can still be extended from the E-DI2-1W by up to 1000 feet of two-wire cable.

**Note: The E-DI2-1W counts as two sensors to the total of 24 sensors than can be connected to the 1W Sensors ports.**



Sensors connected to the E-DI2-1W will be listed under “External Sensors” on the Summary Page in the web interface but will be configured the same as any other digital inputs. For more information on configuring sensors, see the E-1W product manual.

## Summary

### External Sensors

No.	Description	Type	Value	Action
1	E-1W E01 DI-1	Digital Input	Open	<a href="#">Edit</a> <a href="#">Delete</a>
2	E-1W E01 DI-2	Digital Input	Open	<a href="#">Edit</a> <a href="#">Delete</a>
3	020000006DDFE912.1	Digital Input	Open	<a href="#">Edit</a> <a href="#">Delete</a>
4	020000006DDFE912.2	Digital Input	Open	<a href="#">Edit</a> <a href="#">Delete</a>

This shows two E-DI2-1W connected, one has sensor connections renamed “E-1W E01 DI-x” and the second has the default expander port names.

[Detect Sensors](#)

Summary page showing sensors connected to E-DI2-1W Expander

## Cables

RJ11 6P4C Patch cables must be wired straight-through (pin 1 to pin 1, pin 2 to pin 2, etc).

E-RJ11-xx RJ11 6P4C patch cables can be ordered from NTI (where xx = 7, 25 or 50 foot). Custom lengths (E-RJ11-xx-C) are also available.

## Warranty Information

The warranty period on this product (parts and labor) is two (2) years from the date of purchase. Please contact Network Technologies Inc at (800) 742-8324 (800-RGB-TECH) or (330) 562-7070 or visit our website at <http://www.networktechinc.com> for information regarding repairs and/or returns. A return authorization number is required for all repairs/returns.