



ENVIROMUX® Series

E-LIS Light Intensity Sensor Installation Instruction

The E-Light Intensity Sensor that can be used to detect light intensity and report occurrences through the user interface of an E-2D,-5D or -16D Enterprise Environment Monitoring System (SYSTEM). Connect the sensor to an available RJ45 Sensor port on a SYSTEM and configure the SYSTEM to report and send alerts when light levels exceed configurable parameters.

Features:

- Detects and measures the luminous intensity of light.
- Ideal for monitoring unmanned closets, telecom rooms, remote data rooms, or other low traffic facilities.
- Applications from 0 to 100,000 lux.
- Human eye response (540 nm peak sensitivity).
- IR and UV rejection
- RJ45 connector.
- Supports CAT5/5e/6 cable up to 1,000 ft. (305 m).
- Powered by E-2D/5D/16D.
- Regulatory approvals: CE, RoHS
- Compatible with E-2D/5D/16D.
- Compatible with [E-FSC](#) Fiber Converter/Extender.
 - Use to extend sensor up to 1.2 miles (2 km) from the ENVIROMUX unit.

Installation

1. Mount the E-LIS where a measurement of light intensity levels is desired. Make sure the mounting slot is against the mounting surface.
2. Plug a CAT5 patch cable, 18-24AWG up to 1000 feet in length, between the RJ45 port on the E-LIS and an available RJ45 Sensor port on the SYSTEM.
3. Go to the Summary Page (under Monitoring) in the web interface.
4. Click on the Light Sensor or click on "View" for that sensor.

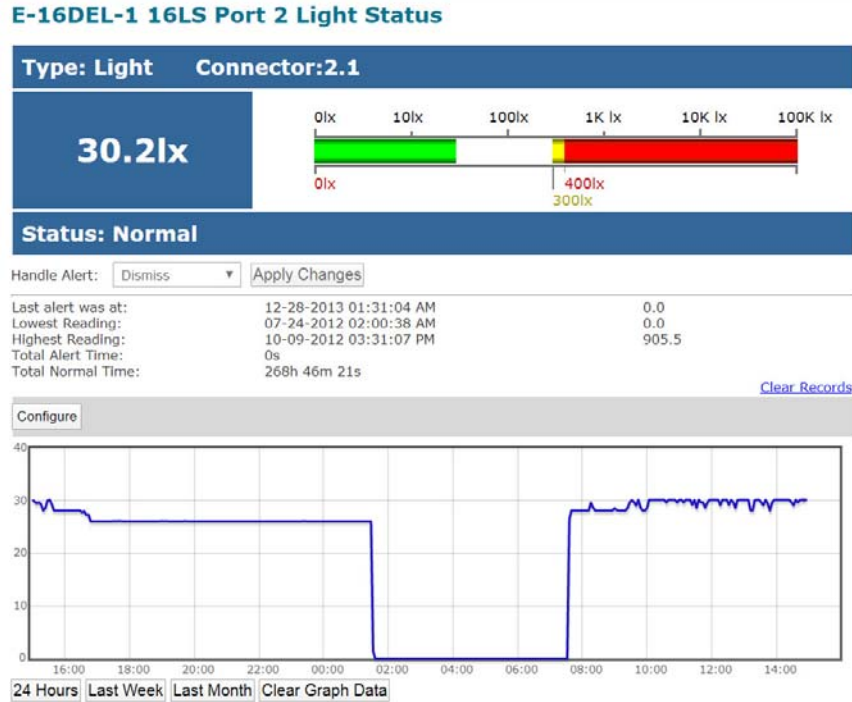
Summary

Internal Sensors					
No.	Description	Type	Value	Status	Action
1	E-16DEL-1 Internal Temperature	Temperature	83.5°F	Normal	View Edit
2	E-16DEL-1 Internal Humidity	Humidity	33%	Normal	View Edit
3	E-16DEL-1 Battery Voltage	Voltage	13.9V	Normal	View Edit
S1-1	S1 Internal Temperature	Temperature	84.2°F	Normal	View Edit
S1-2	S1 Internal Humidity	Humidity	34%	Normal	View Edit
S1-3	S1 Battery Voltage	Voltage	13.6V	Normal	View Edit

Sensors					
Conn.	Description	Type	Value	Status	Action
1.1	E-16DEL-1 STHS-99 Port 1 Temperature	Temperature/Humidity	90.1°F	Normal	View Edit Delete
1.2	E-16DEL-1 STHS-99 Port 1 Humidity	Temperature/Humidity	26%	Normal	View Edit Delete
1.3	E-16DEL-1 STHS-99 Port 1 Dew Point	Dew Point	50.6°F	Normal	View Edit Delete
2.1	E-16DEL-1 16LS Port 2 Light	Light	30.2lx	Normal	View Edit Delete
3.1	E-16DEL-1 Port 3 DIO Wind Speed	Wind Speed	0.0MPH	Normal	View Edit Delete

Click here

4. The Status page for the Light Intensity sensor should appear.



5. Click on the “Configure” button and enter desired values in the page that pops-up. See the SYSTEM manual for your respective unit for description of all field values.

Specifications:

- Connections: RJ45
- Supports 18-24AWG CAT5/5e/6 cable up to 1,000 feet (305 m)
- Communication Type: RS485
- Data Rate: 96kbps
- Compatibility: E-2D, E-5D, E-16D
- Light Range: 0-100000 lux
- Sensing Thresholds: Adjustable over full range
- Environmental: 0-70°C Operating Temperature (17-90% non-condensing relative humidity)
- Power requirements: 5V DC
- Current Consumption: 20mA
- Powered by E-2D/5D/16D

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.

COPYRIGHT

Copyright © 2012-2020 by Network Technologies Inc. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written consent of Network Technologies Inc, 1275 Danner Drive, Aurora, Ohio 44202.

CHANGES

The material in this guide is for information only and is subject to change without notice. Network Technologies Inc reserves the right to make changes in the product design without reservation and without notification to its users.