AcuityBrands®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE

FIDO is a data management device that can retrieve, store and report test results on self-diagnostic testing from emergency lighting.

FIDO is a cost-effective indoor gateway that connects your low-power sensor emergency wireless reporting system network. FIDO has the flexibility to host your mesh data locally via its built-in Web server and database. This compact edge router easily can be configured to meet the needs of your deployment.

FIDO allows it to be configured on a 2.4GHz mesh network.

CONSTRUCTION

Constructed to withstand temperatures ranging from 0°C to 35°C. Relative humidity is non-condensing.

ELECTRICAL

Processor is ARM9 (200MHz). Onboard RAM memory is 64MB DDR SDRAM; onboard flash memory is 16MB NOR.

Peripherals: 10/100 base-T ethernet channels, RJ45 connectors. IEEE 802.15.4 radio module (proprietary protocol) for wireless mesh communication.

Input voltage is 100-240VAC. Supply frequency is 50-60Hz.

Software: Linux Kernel 2.6 embedded.

INSTALLATION

Edge router capable of connecting to any local PC with Web browser via crossover cable (provided) or to network system via Ethernet cable (not provided). Internet and e-mail capability standard.

Each system is commissioned with FIDO-compatible emergency lighting fixtures. Maximum of 500 fixtures per edge router.
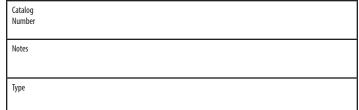
LISTINGS

FCC part 15 section 247.

WARRANTY

5-year limited warranty. Complete warranty terms located at
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

FIDO

Emergency Wireless Reporting System

FIDO

FIDO
Edge Router

Specifications

Length:	6 (15.2)
Width:	5-1/2 (14.0)
Height:	2 (5.1)

All dimensions are inches (centimeters).

ORDERING INFORMATION   For shortest lead times, configure products using **bolded options**.   **Example:** FIDO

FIDO	
Family	
FIDO	Emergency wireless reporting system edge router

This report will automatically generate at the end of each month based on the Self-Diagnostics testing.

Section I: Report Name, Report Date, Report Type and Report Frequency are fields that will automatically generate based upon the FIDO gateway and report frequency selected during installation. The Report Frequency option provides Daily, Weekly, or Monthly reports.

Report Name	Audit Monthly
Report Date	03/31/2012 8:00:01 PM
Report Type	Audit
Report Frequency	Monthly

Section II: **Profile**
The fields below contain information entered by the customer during installation of the FIDO gateway.

Company Name	Acuity Brands Lighting
Contact Name	Dave Garza
Address 1	1400 Lester Road
Address 2	PMD Building 3
Address 3	Conyers, GA 30012
Phone Number	800-334-8691

Section III: **Gateway Information**
The Gateway Name is entered by the customer Ex: Maintenance Bldg. The IP Address will automatically populate based on the configuration set-up of the FIDO gateway.

Gateway Name	Building 1 - Maintenance
IP Address	10.2.105.113

Section IV: **Fixture**
This information is entered by the customer at the time of commissioning the FIDO gateway. The Radio ID column will automatically populate once power is applied to the Emergency Fixtures. Typical commissioning time is less than two (2) minutes per fixture by either manual data entry or using a Code 128 scanner.

Radio ID	Fixture	Location	Status Date	Status	Description
0002690A	185APL	LIGHTING CENTER DISPLAY	03/30/2012 9:00:53 PM	Charging Normal	IND12100 WRS
00026BEC	174LLF	LIGHTING CENTER COMMON AREA	03/30/2012 9:23:07 PM	Charging Normal	ELM2 WRS
00026C07	174LLF	LIGHTING CENTER DISPLAY	03/30/2012 9:01:00 PM	Charging Normal	ELM2 WRS
00026EC9	185APN	LIGHTING CENTER DISPLAY	03/30/2012 9:00:35 PM	Charging Normal	ELM627 WRS

This report will automatically generate to identify a failure has been detected once Self-Diagnostic testing is completed. The Alert Scheduling feature allows you to establish this report as "Daily", "Weekly", or "Monthly" so that you may replace the component that has failed and remain in compliance.

Section I: Report Name, Report Date, Report Type and Report Frequency are fields that will automatically generate based upon the FIDO gateway and report frequency selected during installation. The Report Frequency option provides Daily, Weekly, or Monthly reports.

Report Name	Alert Daily
Report Date	01/29/2012 7:00:01 PM
Report Type	Alert
Report Frequency	Daily

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The fields below contain information entered by the customer during installation of the FIDO gateway.

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Address 2	PMD Building 3
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(Note: this fixture was simulated to generate a failure to capture in this alert report)

Radio ID	Fixture	Location	Status Date	Status	Date Code Series #	Replacement Battery	Replacement Lamp	Replacement PC board	Description
00026BEC	174LLF	Lithonia LightinCenter, Common Area	01/26/2012 9:18:55 AM	Battery fail	1009S20-MZ	ELB 06042	ELP L149	ELP U510	ELM2 WRS

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