The intelligent DALI Emergency Lighting Monitoring System with ‘One Click’ Commissioning
Introducing the RAPIX intelligent DALI Emergency lighting solution with ‘One Click’ Commissioning

Total integration with DALI lighting system
Intuitive ONE CLICK commissioning solution
Simple to use software & hardware components
Scalable solution for any size project

RAPIX Emergency ensures the safety and integrity of your emergency system with its revolutionary automated monitoring and reporting solution.

www.diginet.net.au/rapix
DALI components make it possible to create a flexible, cost-effective and decentralised lighting system. DALI deals only with lighting system components. This limitation is not a disadvantage; it simplifies planning and installation.

DALI is simpler than building management systems and less expensive. Interfaces and converters can combine DALI components with any building management system; DALI can function as a stand-alone system or as a subsystem.

For more information about DALI visit: www.dali-ag.org
RAPIX Emergency is a monitored emergency system that simply integrates with DALI on the same lighting network, or on a dedicated DALI emergency network.

RAPIX Emergency software runs on a PC with Windows™ 7 or above.

Diginet Ethernet to DALI interface device and Diginet DALI power supply.
The complete piece of mind DALI emergency software solution.

RAPIX Emergency is a complete emergency monitoring solution that is simple to use, provides ease of operation and ensures compliance obligations are fulfilled.
‘ONE CLICK’ Commissioning
Identify, activate & monitor your system automatically.

Groups Fixtures
Identifies fixtures on the network and creates test groups using intelligent patented algorithms.

Sets Maintenance Schedule
Automatically schedules tests and detects schedule conflicts to ensure best practice.

Generates Reports
Reports on all passed or failed devices with the type of failure and sends an alert to your contacts.

Complies with Standards
Automated compliance testing ensures your emergency lighting system meets current standards.

www.diginet.net.au/rapix
Introducing our user friendly dashboards giving you full system control.

**CONFIGURATION MODE**
Set up, configure, customise and automate test plans.

- **Scheduled Tests**
  Create discharge schedules and function schedules, and set their frequency and next run dates.

- **Email Settings**
  Email alerts for when the test plan is being run and at completion of test.

- **Contact Information**
  Set up emergency contact information of key personnel.

- **Start**
  Execute the test plan.

- **Search & find DALI lines and DALI devices by a live text filter.**

- **Discover NEW Ethernet DALI interfaces**
  Scan for Ethernet DALI interface devices and emergency DALI devices.

- **Discover ALL NEW Devices**
  Organise emergency DALI devices into test groups, identify emergency DALI devices and give them meaningful names.
**RUN MODE**

Activate, monitor, and run function test plans.

- **Dashboard**
  - Visual graphics showing devices that passed or failed the test. Breakdown of failures by lamp or battery type.

- **Overall test plan status**
  - Green if ALL devices in the test plan are OK.
  - Red if ANY device in the test plan is not OK.
  - Blue if a function or discharge test is currently being run.

- **Device Presence Check**
  - Runs a weekly or on demand check to detect any missing DALI devices.

- **Test PDF reports email automatically**
  - Reminder emails 1 day or 1 week prior to a discharge test.
  - Weekly reminder emails, if there are failed DALI devices that remain unfixed.

- **Re-configure a test plan**
  - Exits the current test plan mode to modify or create a new test plan.

- **Current date & time**
  - Always shows the current date, time and time zone for the site location.

- **Scheduled tests**
  - Schedule of ON-DEMAND and PERIODICAL discharge and function tests on emergency DALI devices.
Complete automated reporting for simple & efficient maintenance management.

TEST REPORTING
Automatic generation of PDF reports.

Full Test Report
Reports are generated via test schedules or on demand.

Repair Report
Reports can be automatically emailed to the appropriate maintenance contacts.

Pie Chart
Represents the number of passed and failed devices.

DALI Device info
Each row represents a DALI device, grouped by DALI lines.

Pass or Fail
Failed devices are highlighted in red with the error information.

Repair Schedule
A summary of all failed DALI Devices from a discharge or function test.

Failure Mode
Failed devices are highlighted in red with the error information.

Maintenance Section
Provides area for building maintenance to log work details.

Supervisor sign-off
Allows for completed work to be signed off.

Full Test Report

<table>
<thead>
<tr>
<th>Device</th>
<th>Test Schedule</th>
<th>Test Type</th>
<th>Test Details</th>
<th>Test Result</th>
<th>Test Date</th>
<th>Test Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device 1</td>
<td>Test 1</td>
<td>Scheduled Test</td>
<td>DALI Line 1</td>
<td>Passed</td>
<td>2023-12-01</td>
<td>10:00 AM</td>
</tr>
<tr>
<td>Device 2</td>
<td>Test 2</td>
<td>Function Test</td>
<td>DALI Line 2</td>
<td>Failed</td>
<td>2023-12-02</td>
<td>2:00 PM</td>
</tr>
<tr>
<td>Device 3</td>
<td>Test 3</td>
<td>Repair Test</td>
<td>DALI Line 3</td>
<td>Passed</td>
<td>2023-12-03</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>

Repair Report

<table>
<thead>
<tr>
<th>Device</th>
<th>Repair Schedule</th>
<th>Failure Mode</th>
<th>Test Details</th>
<th>Test Date</th>
<th>Test Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device 1</td>
<td>Schedule 1</td>
<td>Function Failure</td>
<td>DALI Line 1</td>
<td>2023-12-01</td>
<td>10:00 AM</td>
</tr>
<tr>
<td>Device 2</td>
<td>Schedule 2</td>
<td>Repair Failure</td>
<td>DALI Line 2</td>
<td>2023-12-02</td>
<td>2:00 PM</td>
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<tr>
<td>Device 3</td>
<td>Schedule 3</td>
<td>Diagnosis Failure</td>
<td>DALI Line 3</td>
<td>2023-12-03</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>
**AUTO EMAIL**
Reports delivered electronically.

**Email Control**
Automatic functions save time and can be actioned quicker.

- **Test Email**
  Send a test email to ensure delivery to your recipients is established and can be confirmed.

- **Notification options**
  - 1 WEEK prior to discharge test run
  - 1 DAY prior to discharge test run
  - WEEK reminder regarding failed devices.

- **Auto Notification**
  Results of scheduled discharge and function tests are automatically emailed in PDF format.

**Multiple Recipients**
Setup a list of recipients who must be advised of test results.
Rapix Emergency is totally scalable for small, medium and large installations.

Diginet’s simple hardware components can be easily multiplied in any installation for a reliable and stable emergency lighting system. Optional PSUs can be added if the DALI lighting control system does not supply DALI line power.
The one solution for all sizes.

Rapix Emergency hardware components simply connect to the DALI line. 2 DALI lines can be connected to each EDID. This solution can be expanded to accommodate up to 500 DALI lines.

www.diginet.net.au/rapix
Diginet LED Emergency driver.
The optimised LED driver to complete your Rapix emergency solution.

The high performance DALI Emergency LED driver designed to drive a designated emergency lighting LED or array when the normal mains AC power has failed.

Diginet's Xi—extended intelligence is the next generation layer of digital intelligence. It provides advanced features and functionality for both hardware and software, learn more about this new technology at www.diginet.net.au

**Fully Compliant**
All DALI features are fully supported and officially compliant.

**Battery Detection**
Automatically detects & re-configures itself to suit available battery.

**Rated Duration**
Different durations can be pre-set at the factory for local standards. Example - 1hr, 2hrs, 3 hrs, 4hrs or greater.

**Single Plug**
One single battery plug ensures simpler installation.

**No Jumpers**
Automatically detects operating conditions.

**LED Driver capabilities**
Logging data on vital battery operating statistics. Logging data on vital unit operating statistics. In-service firmware upgradeable. Automated fault notification.

**Factory Configuration**
LED drivers can be configured to suit any of the compatible battery types with a specific rated duration time to suit local regulations.

**Compatible Batteries**
NiMH ... Nickel Metal Hydride
NiCd ... Nickel Cadmium
LiFePO4 ... Lithium Ferro Phosphate

Discover the Xi advantage, a new layer of DALI extended intelligence.

Diginet’s Xi—extended intelligence is the next generation layer of digital intelligence. It provides advanced features and functionality for both hardware and software, learn more about this new technology at www.diginet.net.au
RAPIX Emergency ...
A key link in the Diginet RAPIX trilogy, the total commissioning software suite solution with State of the Art simplicity.

Learn more at www.diginet.net.au/rapix