



HALYTECH



Illuminator 2

Give clubs remote control of lights, not easily lost keys, fobs and access cards.

Overview

Illuminator 2 is a floodlight controller for community sports fields, parks and public facilities. Clubs turn the lights on and off by SMS with their own 4-digit PIN, or from the optional keypad. The administrator sets the allowed times for each field, and which clubs may use it. Cut-off times make sure the lights go off. Every session is logged against the club that ran it, so the council bills for what was used. Clubs pay for the lights they use, so they use less.

Key Features

PIN-based SMS and keypad control

— clubs self-manage floodlight sessions within allowed time windows; no keys, no access cards, no council involvement in day-to-day operations

Cut-off times

— the lights go off at the time the administrator set, even if the club forgets. No lights left on overnight

Session logging and billing reports

— every session recorded with user, date, start time, and duration; download as CSV for direct use in billing systems

Quick user management

— add or remove clubs from the Clubs page; no physical keys or access cards to distribute

Simple installation

— installs into an existing distribution board by a standard electrician; no specialist commissioning required

Optional Illuminator Central

— centralised management and billing across all venues from a single cloud dashboard

4G LTE connectivity

— remote access, alarm delivery, and automatic reporting from any site with mobile coverage

Up to 8 lighting scenarios, 49 clubs

— control multiple fields or courts from a single unit; each club has its own PIN and individual access rights

Works with existing lighting infrastructure

— compatible with HID (metal halide, high-pressure sodium) and LED infrastructure; no changes to light fittings or wiring required

Designed and manufactured in Australia

— local support and fast response from the people who built the product

Typical Applications

Community sports fields — clubs self-manage floodlight sessions within allowed times; no keys, no after-hours calls to staff

Parks and public lighting — timer mode. Lights turn on and off at set times, by time of day and day of week

Tennis courts and multi-court facilities — multiple clubs share the facility independently, each with their own PIN and access rights

Public toilets and amenities — timer mode opens and locks doors, and switches lights and hot water, at set times

Specifications

Access Control

Light scenarios	Up to 8
Clubs (users)	Up to 49 + administrator
Control modes	Timer, Club Controlled
Access methods	SMS (4-digit PIN), optional numeric keypad

Outputs

Relay outputs	8 latching, voltage-free relay contacts
Output rating	30V AC/DC, 1A (resistive)
Activation	Web browser, SMS command, numeric keypad
Inductive loads	Protection diodes required across DC coils

Optional Keypad

Type	Numeric keypad accessory
Cable	9m supplied (DB9 connector)
Installation	Protected location (not weatherproof)

Monitoring

Inputs	8 configurable (switch, analogue, event, counter for electricity metering)
Alarms	Up to 8
Alarm notifications	SMS to 3 contacts + email to 2 addresses per alarm

Data

Logger capacity	100,000 records
Usage report	Last 10,000 usage events
Download format	CSV

Connectivity

Mobile	4G LTE Cat 1
WiFi	IEEE 802.11 b/g/n (setup and diagnostics)
Local	Ethernet (LAN), Easy Connect

Physical

Dimensions (H × W × D)	200 × 110 × 90 mm
Weight	650 g (approx.)
Mounting	Distribution board
Enclosure	Polymer, IP-20
Origin	Designed and manufactured in Australia



Full specifications, downloads & support

Scan the code or visit halytech.com.au/products/illuminator-2

Powered by **Spider 2**

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HALYTECH

Let's talk.
Contact us today



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