Integral D1

The Integral D1 is a miniaturised DALI controller providing a 50mA bus supply with DT6 and DT8 control for seamless integration. It features two switch inputs, allowing for flexible manual control alongside automated DALI commands. Designed for seamless Casambi app integration, it enables intuitive wireless control, automation, and scene customization for various lighting applications. The D1 is part of the Integral range of controllers offering miniaturised design and expansive control of DALI,Phase-dim, Relay and PWM luminaires.



Features

Control

With a wide 100-277VAC power input, the Integral D1 provides DALI control for up to 25 DALI luminaires. DT6, DT8, Groups and up to 8 Short addresses can be controlled via the Casambi app. Two switch inputs allow control of scenes, dimming, on/off programming through Casambi.



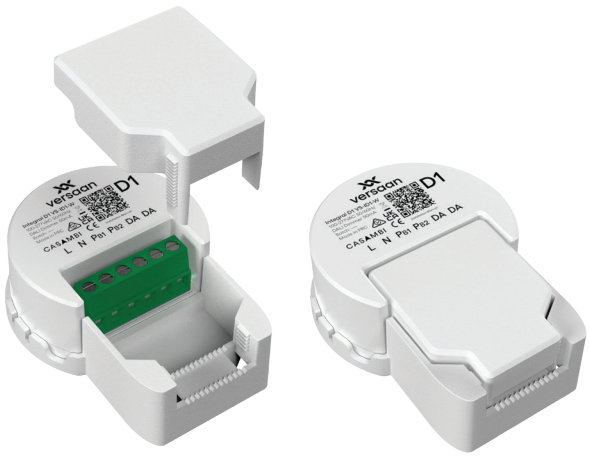
Compact

Boasting a small form factor the D1 fits into switch boxes allowing easy connection to traditional push buttons switches.



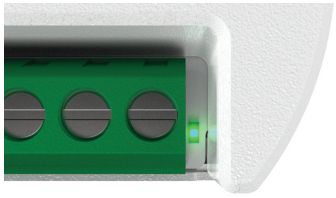
Versatile

The Integral Surface Kit allows any Integral product to be surface mounted while also providing strain relief with the built-in snap cable clamp. Two M3 screws are secured below the Integral during installation providing a streamlined aesthetic.



Identify

The built-in LED indicator makes identifying the D1 effortless. Useful when pre-commissioning Casambi networks before product is sent to site or when more than one Integral product is installed in the same switchbox.



Explore

Explore the Integral range, a comprehensive control solution featuring DALI, Phase-dim, Relay, PWM, and Push Button control all seamlessly integrated into a single enclosure architecture. Designed to provide complete control of luminaires with support for multiple dimming and control types in residential and commercial projects.



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Specifications

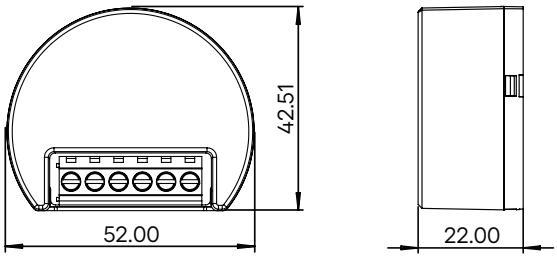
Order Codes

Product SKU	Description
VS-ID1-W	Integral D1 - White
VS-ISM-W	Integral Surface Kit - White

Technical Specification

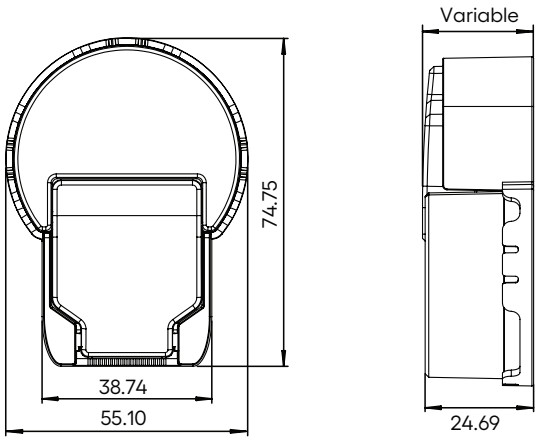
Dimensions (VS-ID1-W)	52x42.51x22mm
Dimensions (VS-ISM-W)	74.75x55.10x24.69mm
Control	Casambi (inc Long Range)
Wireless Range	98m/LR 180m (OA LOS)
Supply	100-277VAC 50/60Hz
Output	DALI 50mA/16.5VDC
Max DALI Output	Up to 25 devices
Type	DT6/DT8/Broadcast/Groups (Up to 8 Addresses or 8 Groups)
Switch Input	2x Momentary, Latching or External (HVAC, Security etc)
Ambient Temperature	-10 to 55C TA
Max Case Temperature	60C TC
Wiring	Loop in/loop out
Terminal Capacity	2.5 mm^2
Mounting Screws	2x M3 Flat Head
Screw Centres	25mm
Material	Flame Retardant ABS+PC
Ingress Protection	IP20
Transceiver Frequency	2.4GHz ISM Band
Warranty	5 Years

Dimensions - VS-ID1-W (mm)



Top View **Side View**

Dimensions - VS-ISM-W (with D1 Installed)



Top View **Side View**

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