

Order Codes

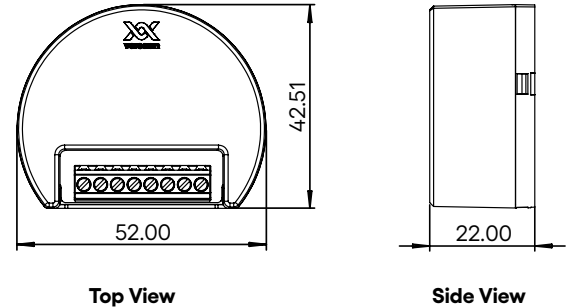
Product SKU	Description
VS-IP1-W	Integral P1 - White
VS-ISM-W	Integral Surface Kit - White

Technical Specification

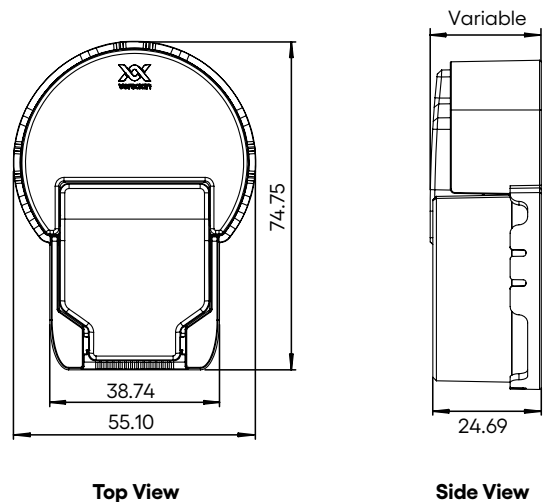
Control	Casambi
Wireless Range	98m/LR 180m (OA LOS)
Supply	12-48VDC
Voltage Output	4CH PWM 12-48VDC
Amperage Output	12.5A/CH (12.5A All CH's)
LED Strip Type	SC,RGB,RGBW,TW
Frequency	16kHz
Operating Temperature	0 to 55C
Wiring	Loop in/loop out
Terminal Capacity	1.5 mm ²
Mounting Screws	2x M3 Flat Head
Screw Centres	25mm
Material	Flame Retardant ABS+PC
Ingress Protection	IP20
Transceiver Frequency	2.4GHz ISM Band
Warranty	5 Years

Dimensions (mm)

VS-IP1-W



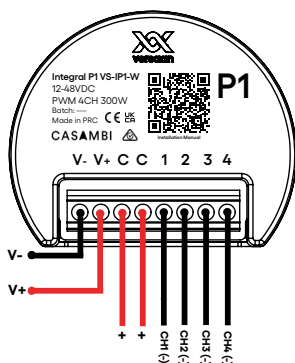
VS-ISM-W (with P1 installed)



Wiring Schematic ①

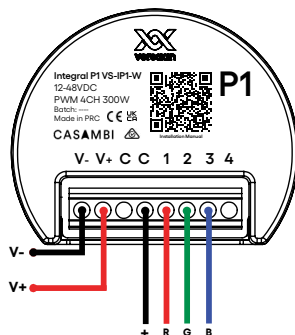
Wire Strip Length (mm) 

1-4 Single Colour Channels



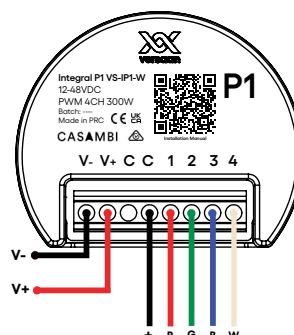
KEY:	
V- = 12-48VDC (-)	1 = Channel 1 (-)
V+ = 12-48VDC (+)	2 = Channel 2 (-)
C = Common (+)	3 = Channel 3 (-)
	4 = Channel 4 (-)

RGB



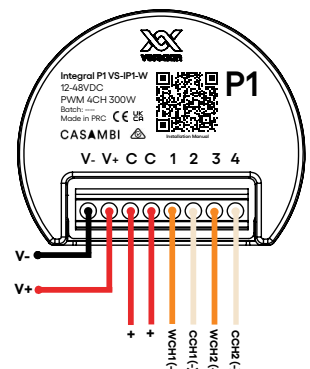
KEY:	
V- = 12-48VDC (-)	1 = Red (-)
V+ = 12-48VDC (+)	2 = Green (-)
C = Common (+)	3 = Blue (-)

RGBW



KEY:	
V- = 12-48VDC (-)	1 = Red (-)
V+ = 12-48VDC (+)	2 = Green (-)
C = Common (+)	3 = Blue (-)
	4 = White (-)

1-2 Tuneable White Channels



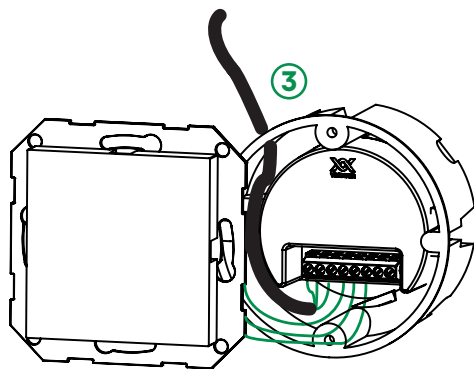
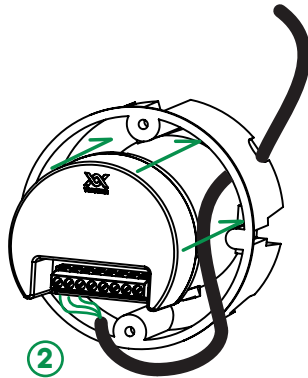
KEY:	
V- = 12-48VDC (-)	1 = Warm White CH1 (-)
V+ = 12-48VDC (+)	2 = Cold White CH1 (-)
C = Common (+)	3 = Warm White CH2 (-)
	4 = Cold White CH2 (-)

Installation

Unbox the product and carefully inspect it for any signs of damage. If you notice any defects or issues, do not proceed with the installation. Return the product to the original place of purchase for an exchange.

Back Box

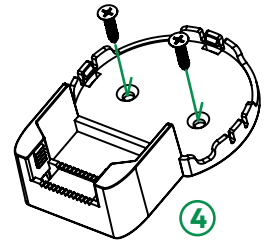
1. Make sure the back box is large enough to house Integral.
2. Pull power cable through the box and wire Integral as per fig 1.
3. Push Integral into the back box as per fig 2.



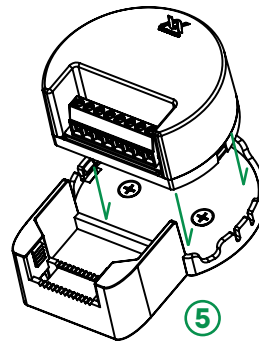
4. Depending on the Integral product, connect push button inputs to their respective push buttons on the switch (see fig 3).
5. Secure the push button switch to the back box as per the manufacturers instructions.

Surface Mount

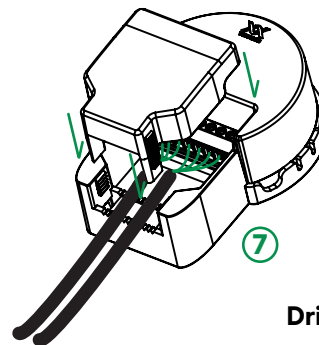
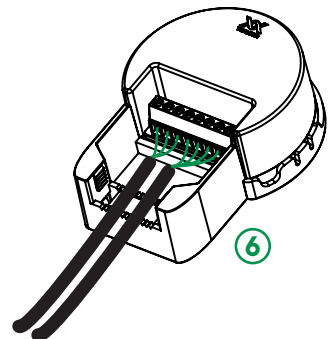
1. Install 2x M3 screws provided with the Integral Surface Kit (fig 4). Screw centres are 25mm apart.



2. Press Integral into the Surface Kit. The snap locks will click into place (fig 5).





3. Install wiring as per wiring schematic (fig 1).



4. Press the strain relief down until it firmly locks against the cable (fig 7).
5. Install complete.

Driver Requirements

Phillips	Slotted
	
M3/PH1	2.5mm