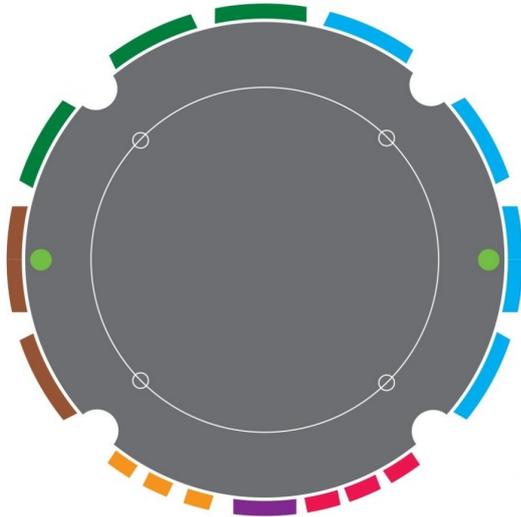
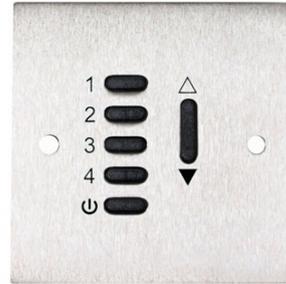


Verve

Flexible and simple wireless mesh network lighting control



- | | | |
|----------------|--------------|----------------------------|
| Output group 1 | Mains input | Emergency luminaire output |
| Output group 2 | Switch input | |
| Output group 3 | Sensor input | |



Verve 4 Scene Plate



Verve Simple Installation



Verve Multi-Sensor PIR

Overview

Offering 2.4Ghz low energy mesh networking functionality as standard, allowing each Verve module to communicate wirelessly with its neighbours across an entire space. Quick to install and configure, Verve brings simplicity and efficiency to lighting controls in a wide range of applications.

Features

- Independent control of up to 9 luminaires, the 9 output ports can be configured in up to 3 separate groups
- Switching and dimming from up to 6 sources
 - 3 switch inputs for both latching and retractive switches
 - 3 sensor inputs supporting occupancy, absence, presence and constant lux control
- Recessed or surface mounted PIR multi-sensors are available to enhance the system functionality
- Individual luminaires can be grouped and linked to switching and dimming multi-sensors
- Intelligence within the module allows for simple app user configuration, the Verve app is free to download on both Android and iOS devices
- Supports emergency lighting and testing
- Emergency lighting reports can be accessed remotely directly from the Verve app
- Shallow body depth allows installation in ceilings with void restrictions
- Whitecroft Lighting offer a full range of Command Fast Link modular wiring solutions for further installation simplicity and efficiency

Specification

- Verve Lighting Control Module
 - 2.4Ghz low energy mesh networking
 - Output connections: Wieland GST18i6 (Blue / Black) x 2, GST18i5 (Blue) x 7
 - Maximum output per LCM: 6.3A (internally fused)
 - Maximum DALI dimming load: 100mA
 - Mains supply: 230Vac +/- 10%; 50Hz
 - Mains input: Male socket for Wieland GST18i3 (Black) female connection
 - Sensor and switch input: RJ11 connection
 - Sensor supply: 12Vdc +/- 5%, 30mA
 - Inrush current: 1s time delay between group outports at power-up
 - Isolation: 4kV between mains and sensors control
- Verve Multi-Sensor
 - Occupancy and daylight detection
 - Photocell and passive infra-red technology (PIR)
 - Coverage: 2.5 x height of ceiling (maximum 7 metres)
 - ABS housing
 - Isolation: 2kV
 - RAL 9010 Matt Finish
 - Requires RJ11 sensor input connection lead (available as separate order)
- Verve 4 scene plate
 - Brushed stainless steel finish as standard
 - Buttons backlit with blue LED
 - Scene functionality includes on/off, raise/lower and programming of up to 4 scenes
 - Fits a standard single gang backbox 33mm deep or greater (supplied by others)
 - Direct connection to VERVEHUB via RJ45 input (1 input per port, available separately)
 - Operating temperature 0°C to +40°C
 - 6mA nominal power consumption at 12V

Order codes

Verve Lighting Control Module	VERVEHUB
Multi-sensor (Recessed Mounting)	VERVERECPIR
Multi-sensor (Surface Mounting)	VERVESURPIR
Mounting Kit for Surface Multi-sensor *	VERVESMKIT
Sensor Input Lead (5m)	VERVESEN/5M
Scene Plate 4 Button	VERVE4BSS

* Kit includes one surface mounting box and two M4 screws

Dimensions

	L	W	H	Ø	KG
VERVEHUB	250mm	250mm	47.5mm	-	0.89 *
VERVERECPIR	-	-	21.5mm	52.2mm	0.02
VERVESURPIR	-	-	21.5mm	65.0mm	0.02

* Weight without switch input connectors

Fixings (VERVEHUB)

4 x 9mm fixing holes

4 x 7mm holes for drop rod or surface mounting

Fixings (VERVERECPIR)

Cut out diameter 40mm

For use with ceiling tiles from 1 to

20mm thickness