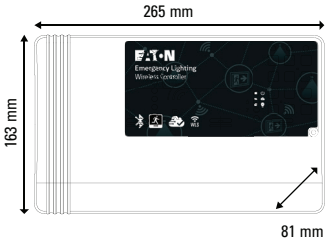
Wireless SC edge controller SIM

Wireless Emergency Lighting monitoring system

Wireless SC edge controller SIM



Dimensions



Wireless SC edge controller SIM

- Compact, robust, fanless, and cable-free system with modular design
- Massive dynamic mesh network with up to 1024 wireless luminaires and repeaters per controller
- 16 digital zones of 64 luminaires
- 4 groups of test for FT and DT
- Cellular, WiFi and ethernet connectivities
- Building Safety Management System digital native
- Cloud-based monitoring
- BSMS real time notifications
- Control and monitoring via mobile application
- Unique EPAS ID per devices
- Automatic luminaire search function requiring no manual addressing
- Automatic function test and duration test
- Electronic log book storage for a period of minimum 4 years
- Blocking the emergency lighting function during non-operational periods (all or per zone)
- Luminaires in maintained mode switchable (all/per zone)
- Compatible with the increased Affordance (IA) functionality
- Connectable to VisionGuard (incl. Building layouts and Bacnet IP)
- Cyber security certified (EATON) with secure-by-design philosophy

General	
Enclosure	Plastic
Mount options	Wall mounting
Dimensions (W x D x H)	265 x 81 x 163 mm
Weight	0.8 kg
Power requirement	220-240Vac 50/60Hz
Power consumption	<18W (full load)
Connectivity	Wi-Fi & BT: Quectel FC80A BT+Wi-Fi combo module 4G: Quectel EC25 Series LTE Cat 4 module Wirepas MESH, USB type -A, 1Mbps
Interface	Building Safety Manager - Mobile app
USB ports	USB Device Type-C: FS (12Mbps) with board powering capability @ 5V, 2A USB Host Type-A: HS, (480Mbps) 1.5A output current limit
I/O Interfaces	
Dry contacts	- 1 digital input - 1 relay output - S1/S2 block input
LAN ports	2 x RJ45, 10/100 Mbps
Recommended breaker for input protection	6 A ... 16 A (Characteristics B, C, D,K)
Connection method	Screw connection
Conductor cross section	0.2mm² to 2.5mm²
Environment	
Operating temperature	-0 to +35°C
Storage temperature	-20 to +70°C
Relative humidity	10 ~ 95% RH @ 35 °C, non-condensing
Ingress protection	IP20

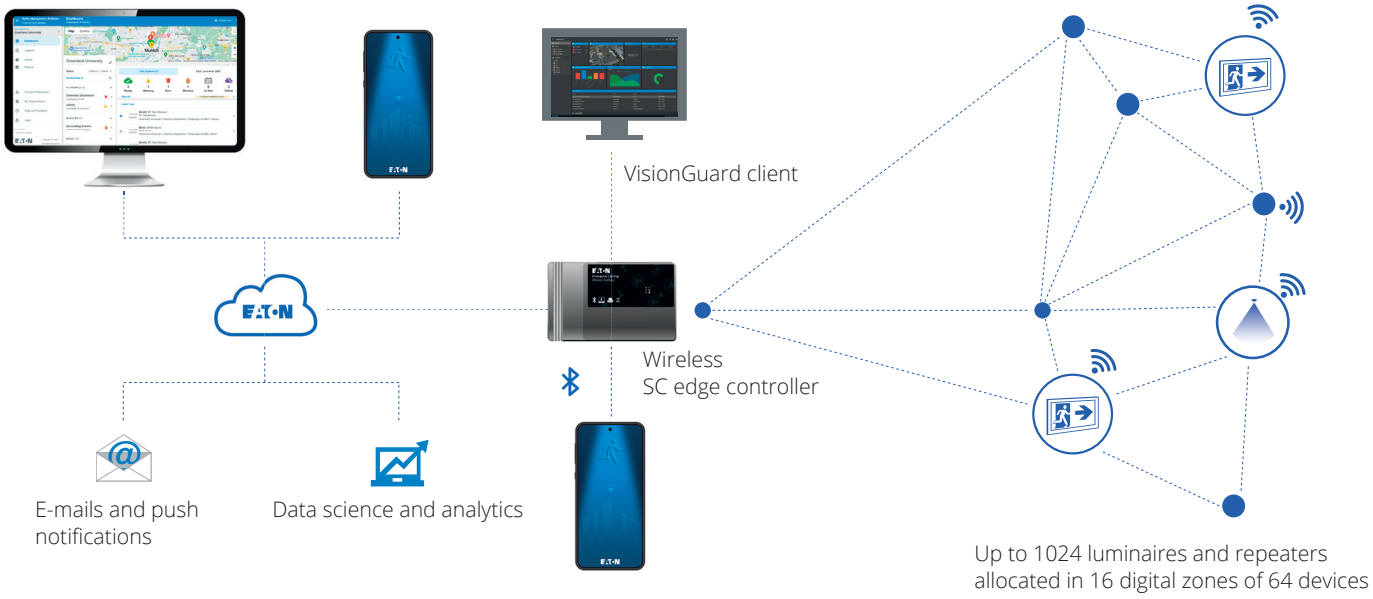
Ordering details

Type	Order No.
Wireless SC Edge Controller Cellular	CTR1024WLSCS

Wireless SC edge controller SIM

Wireless Emergency Lighting monitoring system

Building Safety Management system in operation



Seamless - Simple but smart



- Install
- Power on

- Download app
- Create account
- Connect in Bluetooth

- Allocate org tree
- Connect to internet / firmware update
- Search all luminaires
- Schedule FT/DT

Building Safety Manager - App

Connect to the Web link

Download on the App Store

Get it on Google Play