zencontrol

Wireless application controller **datasheet**

Features

- Wireless application controller
- Wireless support for IEC62386-104 over Thread
- Suitable for one wireless network with up to 64 ECGs and 63 ECDs
- 10/100 Ethernet gateway to connect to cloud and extended system
- Automatic commissioning of standard features
- Suitable for field mounting in ceiling

Wireless building
Scalable wireless building automation control system

Extended
Ethernet gateway to connect to Cloud and extended system

IEC62386-104 over Thread
Works with products supporting IEC 62386-104 over Thread

Simple setup
Simple out of the box setup and installation

Product range

Order code	Description
zc-iot-fc	Wireless field mounted application controller

Features

- Wireless application controller
- Wireless support for IEC62386-104 over Thread
- Suitable for one wireless network with up to 64 ECGs and 63 ECDs
- 10 / 100 Ethernet gateway to connect to Cloud and extended system
- Works with compliant ECGs and ECDs supporting IEC 62386-104 over Thread
- Automatic commissioning of standard features
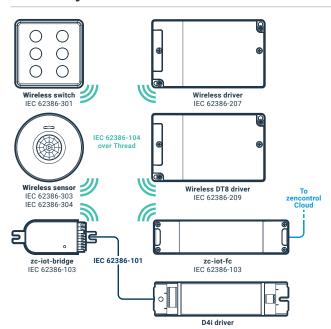- Suitable for field mounting in ceiling

Dimensions (mm)

Fixing centres	195 mm	Dimensions	206 / 42 / 30 mm

42

30

M4

← 195 mm CRS →

M4

206

Specifications

Supply voltage	220 - 240 V ~ 50 Hz
Control system	IEC62386-104 over Thread
Ethernet	10/100 TCP/IP Ethernet
Radio support	IEEE 802.15.4
Frequency band	2.4 GHz
Max radio tx power	+8 dBm
Wiring	1 - 4 mm² Strip 6 - 7 mm
Operating temperature	0 to 55°C
Material	PC
Classification	Class II
Mounting	Field mount
Ingress protection	IP20
Compliance standards	IEC 61347-2-11 IEC 62386-104 IEC 60950-1 IEC 62386-103 EN 55015 EMC-2004/108/EC EN 55022 LVD-2006/95/EC

Wireless system overview

Wireless switch
IEC 62386-301

Wireless driver
IEC 62386-207

**IEC 62386-104
over Thread**

Wireless sensor
IEC 62386-303
IEC 62386-304

Wireless DT8 driver
IEC 62386-209

zc-iot-bridge
IEC 62386-103

IEC 62386-101

zc-iot-fc
IEC 62386-103

**To
zencontrol
Cloud**

D4i driver