

Datasheet DALI XD100 (PD100, MD100)
EAE DALI Presence/Motion Detector

All you need is EAE



Surface Mount



Flush Mount

General Description



Figure 1: XD100 Surface Mount

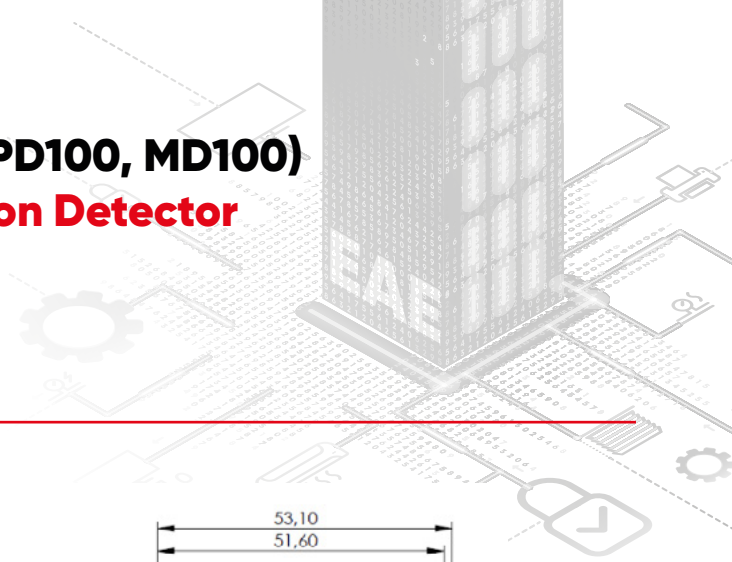


Figure 2: XD100 Flush Mount

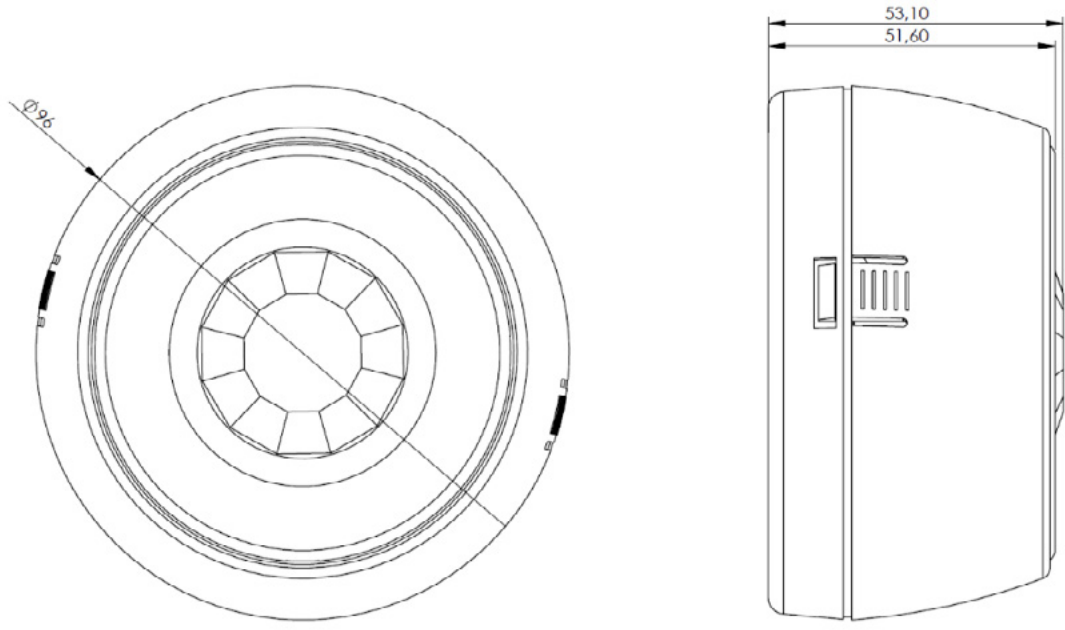
- XD100 DALI Presence Detector is ideal for interior rooms such as medium to large-size offices, corridors, classrooms, conference and meeting rooms, parking buildings, warehouses and sport halls.
- Available in two models
 - PD100 Presence Detector (suitable for precise presence detection)
 - MD100 Motion Detector (suitable for wide range movement detection)
- Available in flush mounted and surface mounted versions
- Measures the ambient brightness between 10 – 1000 lux
- Reports presence and brightness data via DALI-2 commands
- Device does not require an additional power supply.
- Test and calibration mode allow for easy installation.
- Compatible with relative DALI-2 standards
 - Control device (IEC 62386-103)
 - Presence sensor (IEC 62386-303)
 - Brightness sensor (IEC 62386-304)

Technical Data

Type of protection	IP 20	EN 60 529
Safety class	II	EN 61 140
Power supply :	Voltage	12V... 22V DC, DALI line
	Current consumption	< 7 mA
Connections	DALI	Terminal Connection
Application Area		Interior rooms
Sensor Type		Passive infrared
Installation	Location	Ceiling
	Recommended height	2,5m – 5m
Detection	Diameter (at height of 2,5m)	9m movement detection (MD100) 6m movement detection (PD100)
	Area	64 m2
	Angle	360°
	Light level	10 – 1000 lux
Temperature range	Ambient	-5° C + 45° C
	Storage	-25° C + 55° C
	Transport	-25° C + 70° C
Dimensions	Flush mount	Dia: 75 mm Height: 38.4 mm
	Surface mount	Dia: 96 mm Height: 51.6 mm
Weight	0.06 kg	
Box	Plastic, polycarbonate, colour white	
CE	In accordance with the EMC guideline and low voltage	

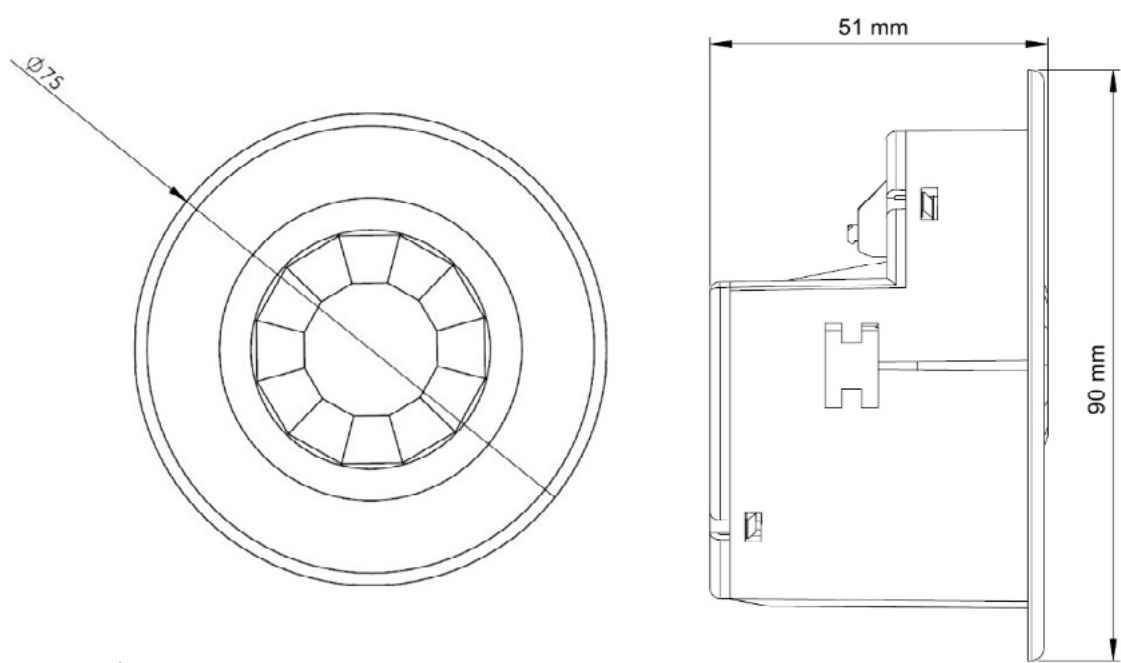


Technical Drawings



Drawing 1: XD100 Surface Mount

Technical Drawings



Drawing 2: XD100 Flush Mount