



## PD2N-CAS DALI-2

Prod.No. 93476 EAN: 4007529934768

CASAMBI-compatible PIR motion sensor with built-in DALI-2 bus power supply, 360° detection, and a range of up to Ø10m (78 m<sup>2</sup>)

### Order data

Designation	Colour	Art.No
PD2N-CAS DALI-2	white	93476

### Accessories

Designation	Colour	Art.No
SM socle mounting set IP54 PD2N H	white	93454
SM socle mounting set IP54 PD2N H	black	93783
SM socle mounting set IP54 PD2N H	traffic white	93782
SM socle mounting set IP54 PD2N H	anthracite	93781
Cover ring PD2N FC	black	93773
Cover ring PD2N FC	traffic white	93772
Cover ring PD2N FC	anthracite	93771
Cover ring PD2N FM	black	93763
Cover ring PD2N FM	traffic white	93762
Cover ring PD2N FM	anthracite	93761
Cover ring PD2N FM	white	93760
Wire basket BSK (Ø 200 x 90 mm)	white	92199

Wall holder PD2N/4N Typ A	traffic white	93702
Wall holder PD2N/4N Typ A	anthracite	93701
Wall holder PD2N/4N Typ A	white	93700
Wall holder PD2N/4N Typ A	black	93703
Wall holder PD2N/4N Typ A	white	93164
SM socket for Wall holder	white	93192
Blinds PD2N/PD3N		37367
Pendulum mounting set PD2/3/4 SM	white	93179
Adapter ring PD2N FM		93089

## Technical data

Voltage:	230 V AC ±10% 50 Hz
Dimensions:	Ø 84 x 85 mm
Settings:	Casambi App
Power consumption:	0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-5 °C to +45 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Number of PIR sensors:	1
<b>Channel 1 (lighting control)</b>	
DALI output:	80 mA (guaranteed), 125 mA (max.), Shut-down mechanism
Supported control gear:	DT0, DT5, DT6, DT7, DT8
Supported control devices:	- (single master)
Follow-up time:	1 sec - 60 min
Brightness set value:	1 - 4000 Lux
Light measuring:	Mixed light measuring

## Product information

Casambi-enabled occupancy detector
DALI-2 interface for controlling digital dimmable ECGs in broadcast/multicast mode
Integrated temperature monitoring and short-circuit detection
Version as single-master device, can be networked wirelessly
Mixed light measurement with internal and external light sensor
Weighting between internal and external light sensor can be adapted to suit the application
Adjustment of the reflection factor and input of the luminosity for the display of the actual luminosity in the app
Extension of the detection area with additional B.E.G. Casambi devices possible
Individual adaption of the PIR sensor sensitivity
Detection area can be restricted with blinds
Functions adjustable via Casambi app
Including pre-assembled spring clamp with strain relief and contact protection cap for recessed ceiling mounting
Accessory for surface mounting available
Accessories for wall mounting optionally available
Further accessories for colour matching optionally available
DALI-2 certified product
DALI output power can be increased with accessories
Bright LED indication for commissioning

### Application examples:

entrance halls, small offices, open-plan offices,  
classrooms/seminar rooms



# CASAMBI



## Accessories



### SM socle mounting set IP54 PD2N H

Art.No: 93454

Dimensions: Ø 110 x 65 mm  
Degree / class of protection: IP54  
Material color: white, similar to RAL9010



### SM socle mounting set IP54 PD2N H

Art.No: 93783

Dimensions: Ø 110 x 65 mm  
Degree / class of protection: IP54  
Material color: black, similar to RAL9005



### SM socle mounting set IP54 PD2N H

Art.No: 93782

Dimensions: Ø 110 x 65 mm  
Degree / class of protection: IP54  
Material color: traffic white, similar to RAL9016



### SM socle mounting set IP54 PD2N H

Art.No: 93781

Dimensions: Ø 110 x 65 mm  
Degree / class of protection: IP54  
Material color: anthracite, similar to RAL7016



### Cover ring PD2N FC

Art.No: 93773

Dimensions: Ø 82 x 13 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



### Cover ring PD2N FC

Art.No: 93772

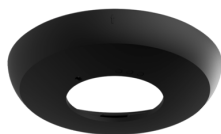
Dimensions: Ø 82 x 13 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



### Cover ring PD2N FC

Art.No: 93771

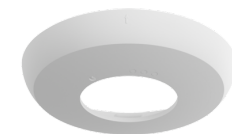
Dimensions: Ø 82 x 13 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



### Cover ring PD2N FM

Art.No: 93763

Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



### Cover ring PD2N FM

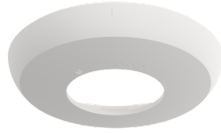
Art.No: 93762

Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



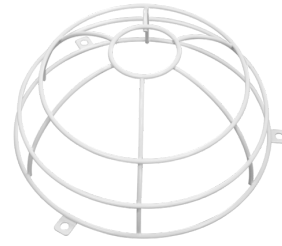
**Cover ring PD2N FM**  
Art.No: 93761

Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



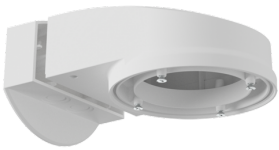
**Cover ring PD2N FM**  
Art.No: 93760

Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



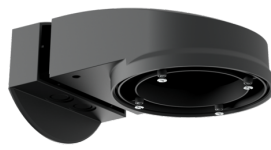
**Wire basket BSK (Ø 200 x 90 mm)**  
Art.No: 92199

Dimensions: Ø 200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket



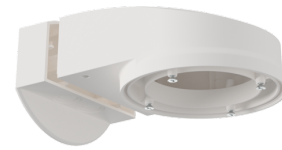
**Wall holder PD2N/4N Typ A**  
Art.No: 93702

Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 /  
Class II  
Housing: polycarbonate, UV-resistant



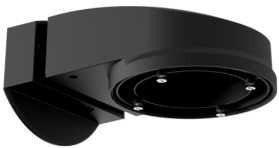
**Wall holder PD2N/4N Typ A**  
Art.No: 93701

Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 /  
Class II  
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**  
Art.No: 93700

Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 /  
Class II  
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**  
Art.No: 93703

Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 /  
Class II  
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**  
Art.No: 93164

Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 /  
Class II  
Housing: polycarbonate, UV-resistant



**SM socket for Wall holder**  
Art.No: 93192

Dimensions: 103 x 80 x 26 mm  
Housing: polycarbonate, UV-resistant  
Material color: white



**Blinds PD2N/PD3N**

Art.No: 37367

Housing: ABS



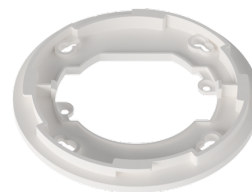
**Pendulum mounting set PD2/3/4 SM**

Art.No: 93179

Dimensions: 1 :  $\varnothing$  113 x 79 mm, 2 :  $\varnothing$  113 x 34 mm

Housing: polycarbonate, UV-resistant

Material color: white, similar to RAL9010



**Adapter ring PD2N FM**

Art.No: 93089

Dimensions:  $\varnothing$  101 x 10 mm

Housing: polycarbonate, UV-resistant

Material color: white mat, similar to RAL9010