

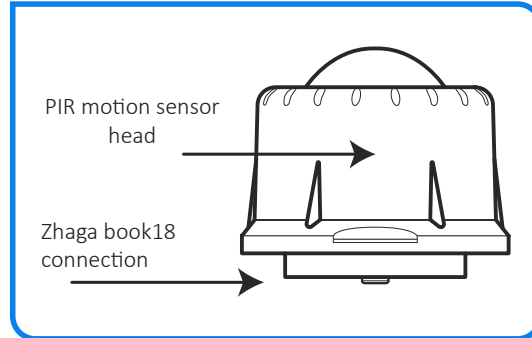
FXS155DLPIR DALI-2 D4i PIR SENSOR



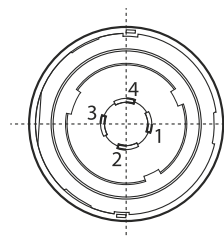
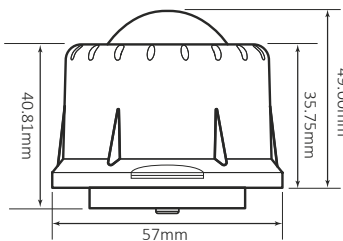
FEATURES

- Settings via DALI configuration software
- Power supply and sensor data via DALI-2 bus
- DALI-2 multi-sensor input device
- Daylight sensor range 1 to 1000 lux
- Requires an external system application controller

KEY ELEMENTS



DIMENSIONS



1. 12-24V DC
2. GND / DALI -
3. DALI+
4. Optional (NC)

Technical Data

Operating Voltage	12-22.5V DC
Input Current	Max. 8mA
Standby Power	Max. 0.2W
Sensor Technology	PIR
Mounting Height	Max. 12m
Detection Radius	Max. 6 to 7m
Operating Temperature	-20°C to 50°C
IP Rating	IP65

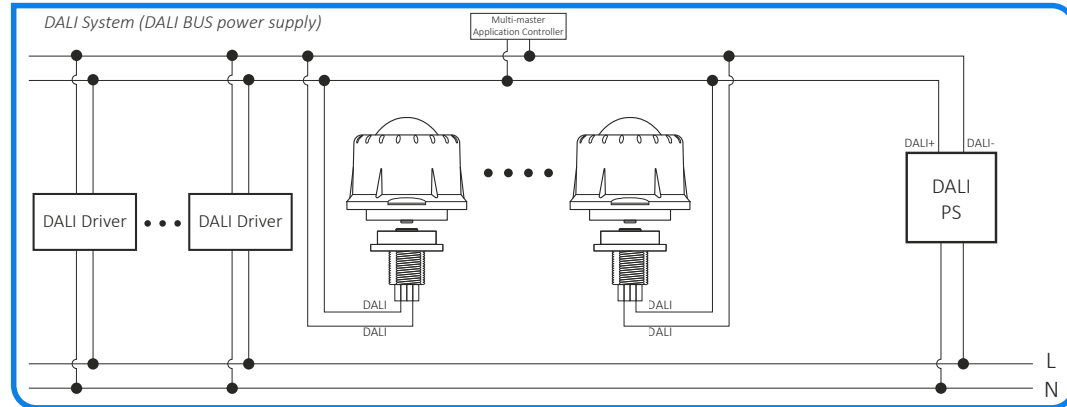
Logistics Information

Product Dimensions	54 x 57 x 57mm
Net Weight	0.05kg
Box Dimensions	66 x 62 x 60mm
Gross Weight	0.05kg
Carton Qty	72 pcs
Carton Dimensions	430 x 280 x 240mm
Carton Weight	5.20kg
Commodity Code	8536500090

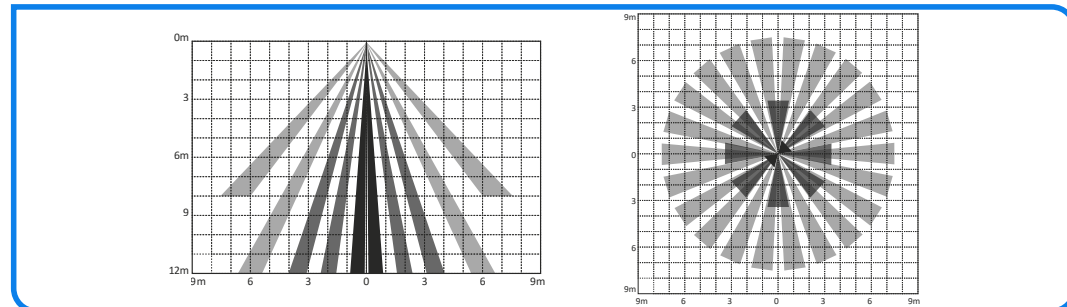
Materials

Housing	Polycarbonate
Finish	Matt
Colour	Black

WIRING



DETECTION



PARAMETERS SETTING (VIA DALI BUS)

Address	Description	Factory default value	Reset Value	Memory Type	
0x00	Address of last accessible memory location	0x03	no change	ROM	
0x01	Indicator byte	0x02	no change	ROM	
0x02	Memory bank 2 lock byte. Lockable bytes in the memory bank shall be read-only while the lock byte has a value different from 0x55	0xFF	0xFF	RAM	
0x03	HF sensitivity	100% (0x64)	0x64 (100%)	0x64 (100%)	NVM(lockable)
		75% (0x4B)			
		50% (0x32)			
		25% (0x19)			

Users can set desired sensor sensitivities with standard DALI instances.
 (Please find FXS155DLPIR sensitivity instances and values in Memory Bank 2, location: 0x3).

For example: change the sensitivity to 50% via broadcasting as below

```
START QUIESCENT MODE(broadcast)
START QUIESCENT MODE(broadcast)
DTR1(0x02)
DTR0(0x02)
ENABLE WRITE MEMORY(broadcast)
ENABLE WRITE MEMORY(broadcast)
WRITE MEMORY LOCATION – NO REPLY(0x55)//Unlock Lock Byte
DTR0(0x03)
WRITE MEMORY LOCATION – NO REPLY(0x32)//Set HF Sensitivity to 50%
SAVE PERSISTENT VARIABLES(broadcast)
SAVE PERSISTENT VARIABLES(broadcast)
STOP QUIESCENT MODE(broadcast)
STOP QUIESCENT MODE(broadcast)
```

DALI-2 & D4i standards

EN62386-101 Ed.2
 EN62386-103 Ed.2
 EN62386-303
 EN62386-304
 EN62386-351 Type B

LED indication

1. Green LED: identifying input device.
2. Red LED: occupancy detection.