URBIO



PIR MOTION DETECTION SENSOR

TECHNICAL SHEET

TECHNICAL
SPECIFICATION

FEATURES & FUNCTIONALITY
Automatic switching of lighting fixtures in public areas
Detects movement within the detection field and activates connected devices
Adjustable activation time after motion detection
PIR (Passive Infrared) motion detection technology
Designed for outdoor use in smart lighting systems
Encrypted communication for secure data transmission

OPERATING CONDITIONS
Operating temperature: –40 °C ... +85 °C
Relative humidity: max. 95%
Maximum altitude: 2000 m
Expected lifetime: 7 years

ELECTRICAL CHARACTERISTICS
Supply voltage: 12 VDC or 24 VDC
Maximum consumption: 5 W
Detection speed: 1 – 100 km/h
Day / night adjustment: 10 - 100,000 lux
Insulation class: Class II

PRODUCT INFORMATION
Product code: SPIR
Identification: QR Code

CONNECTIVITY
Communication type: DALI (DALI-2)
Communication distance: up to 200 m

MECHANICAL CHARACTERISTICS
Housing material: Polycarbonate Protection degree: IP66 Mounting height: Up to 12 m

Headquarters
T/ 004 0232 214014
E/ office@urbio-romania.ro
A/ Str. Gaviil Musicescu 6, Iasi

Headquarters
T/ 004 0232 214014
E/ office@urbio-romania.ro
A/ Parcul Industrial Moreni
Str. Islaz Teiș , Jud. Dâmbovița

www.urbio-romania.ro

Branches

Urbio Republic of Moldavia
URBIO LED, Str. Serghei Lazo, 34, Chisinau, Republic of Moldavia

Urbio Montenegro
URBIOLED DOO, CRNOGORSKIH SERDARA BR. 7, Podgorica, CRNA GORA

Urbio Dubai
URBIO Technlogoies LLC Dubai, Motor city, Daytouna House, 201

Copyright © Urbioled S.R.L. 2025. All rights reserved. Unique registration code: RO32614831, NR: J22/1956/2016
The information, descriptions and illustrations presented in this material are for informational purposes only and may undergo modifications and updates due to continuous innovation. We therefore reserve the right to update this material without prior notification. For the security of viewing updated material, please contact us. The information presented in this material is not of a commercial nature and does not form part of a firm offer and is provided without warranty unless otherwise stated by Urbioled Ltd.