AOCAM-210

The **AOCAM–210** (Outdoor Motion Detector Cam) detects motion using infrared and microwave technology. The built–in camera sends photos in the event of an alarm or on user request. The detector ignores movement of animals weighing up to 20 kg moving on the ground.



- EN 50131–2–4 security grade: **Grade 2** (for indoor use)
- motion detection using a passive infrared (PIR) sensor and microwave (MW) sensor
- maximum detection area: 16 m x 16 m, 90°
- resistance to false alarms caused by moving objects that do not change their position, e.g. branches
- creep zone protection
- camera for alarm verification:
  - takes 1–3 photos after an alarm when the detector is armed
  - takes 1–3 photos on demand
  - selectable black–and–white or color mode
  - black–and–white mode with infrared illumination in low–light conditions
  - choice of 4 image resolutions (max. 1280 x 720 pixels)
- compatible with:
  - BE WAVE Hybrid control panels
  - BE WAVE Smart HUB controllers
- operation in the 868 MHz frequency band
- AES–encrypted two–way radio communication
- transmission channel diversification: 4 channels with automatic selection of a channel enabling interference–free transmission
- remote configuration and firmware updates
- built–in dusk sensor: measurement range 2 lx to 250 lx, resistant to brief and accidental changes in light intensity
- LED indicator
- built–in temperature sensor with a measurement range of –25°C to +55°C
- power supply:
  - CR123A 3 V battery (required)
  - SATEL APS–055 power supply (optional)
- battery status monitoring
- tamper protection against opening the enclosure and removal from the mounting surface
- weather–resistant enclosure

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.

Security grade according to EN50131-2-4	Grade 2
Maximum detection area	16 m x 16 m, 90°
Maximum current consumption from the power supply APS-055	1,55 mA
Standby current consumption from power supply APS-055	26 mA
Supply voltage (external power supply)	5...12 V DC
Low battery notification voltage	2,75 V
Number of photos after the alarm	3
Photo format	JPG
Photo resolution	320 x 240 / 640 x 480 / 800 x 600 / 1280 x 720 px
Light intensity measurement in range	2...250 lx
Temperature measurement range	-25°C...+55°C
IP code	IP54
Warm-up period	40 s
Detected target velocity	0,3...3 m/s
Microwave frequency	24,125 GHz
Temperature measurement accuracy	±1°C
Complied with standards	EN 50131-1, EN 50130-4, EN 50130-5
Environmental class according to EN50130-5	III
Dimensions	65 x 138 x 58 mm
Standby current consumption	115 µA
Battery	CR123A 3V
Radio communication range (in open area)	up to 1800 m
Operating frequency band	868,0 Mhz ÷ 868,6 MHz
Maximum humidity	93±3%
Weight	199 g
Recommended mounting height	2,4 m
Operating temperature range	-25°C...+55°C

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