

AquiTron | AT-OFC-PIR-W

Wall Mount Surface PIR



DATA SHEET



aquilar
leak detection solutions



AT-OFC-PIR-W

Wall Mount Surface PIR

The AT-OFC-PIR-W wall mount infrared PIR sensor to be used with AquiTron AT-OFC Occupancy Flow Controller which helps meet the BREEAM Wat 03 Part 2 requirements (BREEAM credit available: 1)

DESCRIPTION

Attractive, clever, efficient. Infrared motion detector AT-OFC-PIR-W, ideal for use in WC's, toilets, showers, kitchenettes etc, ideal installation height 2 m, 180° angle of coverage, reach. 12 m max. or 5 m max. (tangential), selectable time and twilight threshold, manual override, for mounting on inside corners.

DETECTION ZONE

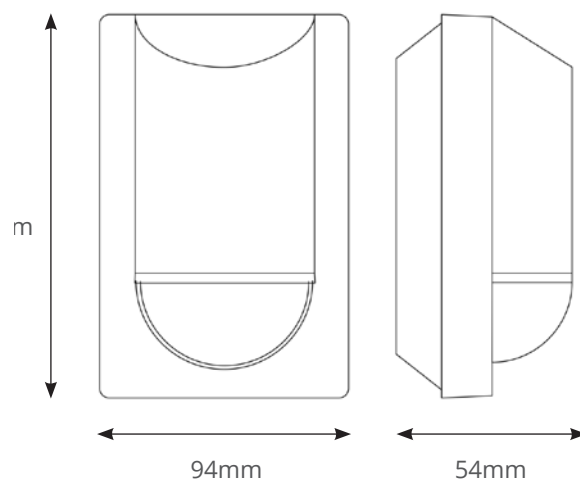


Mounting Height: 1.8 - 4.00m

Orange Zone : Radial

Black Zone: Tangential

DIMENSIONS DRAWING



TECHNICAL INFORMATION

Type	Motion detectors
Dimensions L x W x H	55 x 78 x 120 mm
Mains Power supply	230 – 240 V / 50 Hz
Sensor Technology	Passive infrared
Application, place	Outdoors
Installation site	wall, corner
Installation	Surface wiring
Mounting height	1.8 - 4.00m
Reach, radial	$r = 1.5 \text{ m (4 m}^2\text{) / } r = 3 \text{ m (14 m}^2\text{)}$
Reach, tangential	$r = 5 \text{ m (39 m}^2\text{) / } r = 12 \text{ m (226 m}^2\text{)}$
Detection angle	180 °
Angle of aperture	90 °
Angle of aperture	504 switching zones
Detection	also through glass, wood and stud walls
Optimum mounting height	2 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Twilight setting TEACH	No
Twilight setting	2-2000 lx
Time Setting	10 s - 15min
Output	2000 W max
Switching output 1, resistive	2000 W max
Switching output 1, number of LEDs / fluorescent lamps	6 pcs.

Fluorescent lamps, electronic ballast	1000 W max
Fluorescent lamps, uncorrected	500 VA max
Fluorescent lamps, series-corrected	406 VA max
Fluorescent lamps, parallel-corrected	406 VA max
Switching output 1, low-voltage halogen lamps	1000 VA max
LED lamps	16 W
LED lamps > 2 W	64 W
LED lamps > 8 W	64 W
Capacitive load in μF	132 μF
Constant-lighting control	No
Basic light level function	No
Settings via	Potentiometers
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master
IP-rating	IP54
Material	Plastic
Ambient temperature	-20 – 50 °C
Application, room	WC's, Showers, Wash rooms, Kitchenettes etc..
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years

APPROVALS

RED Directive 2014/53/EU including amendments OJ No. L 96/357

EN 60669-1:1999+A1 :2002+A2:2008

EN 60669-2-1 :2004+A1 :2009

EN 60669-2-1 :2004/A12:2010

Electromagnetic Compatibility Directive 2014/30/EU including amendments OJ Nr. L 96/357

EN 50428:2005+A1 :2007+A2:2009

RoHS - Directive 2011/65/EU including amendments OJ No.L 174/88



ORDERING INFORMATION

Catalogue number 5724 AT-OFC-PIR-W Wall Mount Surface PIR, White, 230Vac

Important: All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Aquilar Limited makes no warranty as to the accuracy or completeness of the information, and disclaims any liability regarding its use. The only obligations of Aquilar Limited are those in the Aquilar Standard Terms and Conditions of Sale for this product, and in no case will Aquilar Limited be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use or misuse of the product. Specifications are subject to change without notice. In addition, Aquilar Limited reserves the right to make changes – without notification to Buyer– to processing or materials that do not affect compliance with any applicable specification.

AquiTron is a trademark of **AquiTron Limited**

Aquilar is a trademark of **Aquilar Limited**

Unit 30, Lawson Hunt Industrial Park,
Broadbridge Heath, Horsham, West Sussex,
RH12 3JR

+44 (0) 1403 216100

info@aquilar.co.uk

www.aquilar.co.uk