

The DUS704 series sensors combine motion detection (PIR), Infra-red remote control reception (IR) and ambient light level detection (PE) in the one device. In applications such as homes, lecture theatres and office towers, DUS704 universal sensors can be utilised to detect motion and switch on the lights. When rooms are unoccupied, lights can be automatically dimmed or switched off to provide energy savings. The same sensor provides IR control reception to enable full remote control over lights, audio-visual equipment and blinds. A range of hand-held Infra-red transmitters to complement DUS704 series universal sensors are available. In situations where it is critical to maintain precise lighting control for individual workspaces, such as a flight control tower or office workstation, the DUS704 facilitates light compensation. The DUS704 can also be placed in an automatic "Daylight Harvesting" mode for energy savings.

technical data 



DUS704C



DUS704W

Motion Detector

DUS704C:

360° Ceiling Mount PIR Detector
 Range 9m x 6m ellipse (at a height of 2.4m)
 Mounting height: 2.1m to 4.0m, 2.4m optimum
 LED activation indicator
 Adjustable Pulse Count & Sensitivity
 Detection zones: 34 dual element zones
 Sensor: Dual element pyro-electric
 R.F.I. Immunity: >15V/m @ 10-1000MHz

DUS704W:

Wide Angle Wall Mount PIR Detector
 Range 12m x 90° (standard lens)
 Mounting height: 1.1m to 3.1m
 LED activation indicator
 Adjustable Pulse Count & Sensitivity
 Detection zones: 20 dual element zones
 Sensor: Dual element pyro-electric
 R.F.I. Immunity: >15V/m @ 10-1000MHz

Optional lens:
 30m x 30° Long Range

PE Cell

Dynamic range <5 lux to >13000 lux
 Automatic "Daylight Harvesting" mode
 Can be used for light measurement

Infra Red Remote Control Receiver

Range >6m
 LED activation indicator
 Can be used with DTK500 series
 Infra-red remotes or other learning
 IR remote control

Control IO

Serial Port – RS485 DyNet

Terminals

5 way terminal strip, 1 x 2.5mm² max conductor size and RJ12 socket

Controls

Walk test/IR received LED indicator
 Tamper switch

DyNet DC Load

20mA

Configuration

All functions remotely programmable

Operating Environment

0° to 50°C ambient temperature
 0% to 95% RH non condensing

Compliance

CE, C-Tick

Construction

ABS plastic enclosure

Dimensions

DUS704C:
 102mm diameter x D 30mm

DUS704W:
 H 85mm x W 66mm x D 45mm

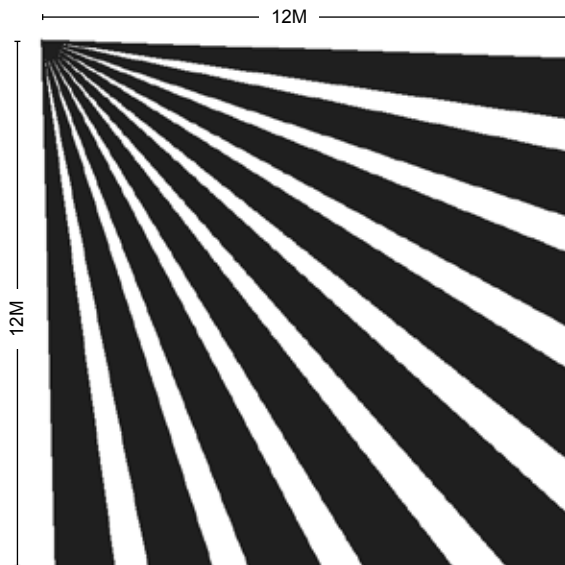
Weight

Packed weight 0.116kg

options 

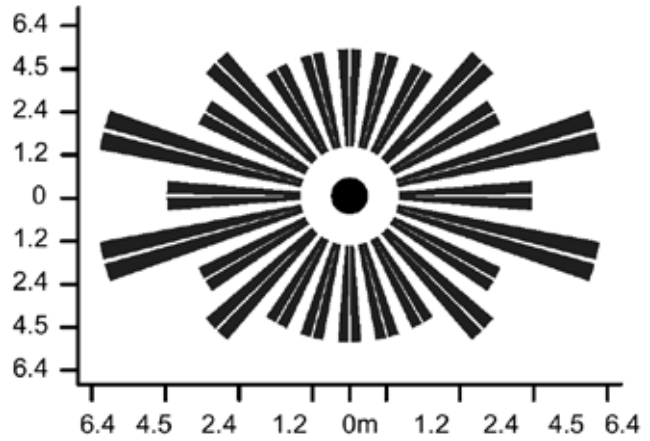
Long Range Lens -LR

lens pattern - DUS704W wide angle >>>

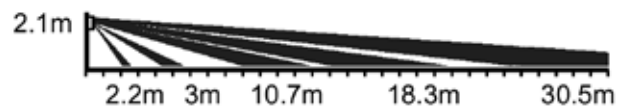
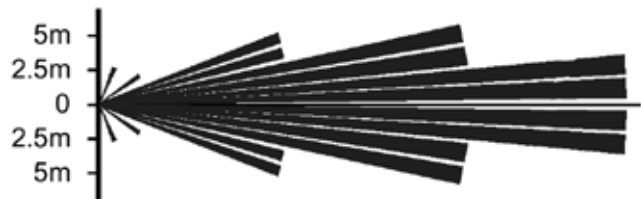


lens pattern - DUS704C 360° >>>

Mounting height 2.4M



lens pattern - DUS704W long range >>>



For further information contact:

