SiteWatch™
Perimeter Protection by DW®

IP-enabled quad PIR 98.5ft (30m)
volumetric motion detector
DW-DTPIRIPW

Dimensions
unit: Inch (mm)

4.72" (120mm)
5.70" (145mm)
4.52" (115mm)

Summary

The DW-DTPIRIPW is a quad-element passive infra-red (PIR) external movement detector that combines advanced signal processing and unique optical systems. The detector's quad PIR sensing module is equipped with two (2) volt-free and two (2) negative-switched outputs with a programmable beam range of up to 98.5ft (30m), avoiding boundary overspill and offering truly exceptional resistance to false alarms. Using PoE and IP communication, the DW-DTPIRIPW supports direct integration with DW Spectrum® IPVMS, all major VMS and camera systems on the market.

Features

- External movement detector
- Quad-element PIR sensor
- Two (2) volt-free outputs
- Two (2) negative-switched outputs
- Programmable beam-range of up to 98.5ft (30m)
- Exceptional resistance to false alarms
- Advanced signal processing, quad-pyro and optical systems
- Trigger lights and smart devices when movement is detected
- 10° - 70° detection angle
- Direct integration with DW Spectrum® IPVMS
- Intruder notifications
- Set up lux-level events to operate blinds and curtains
- Environmental temperature monitoring to help manage internal air conditioning and heating
- Web interface built-in
- PoE class 1 and DC48V
- IP65 environmental-rated dust-tight and water-protected

Specifications

DETECTION RANGE	Up to 98.5ft (30m) programmable
COVERAGE	10° - 70° detection angle, 98.5ft x 98.5ft (30m x 30m) max.
WALK TEST	Output test mode with LED indication
OPERATING TEMPERATURE	-4°F to 131°F (-20°C to +55°C) conformally coated electronics for increased stability.
ADJUSTMENT	180° pan + 90° tilt
MOUNTING HEIGHT	Optimum 9.8ft (3m)
INDICATOR LEDs	1 x blue LED on alarm
OUTPUTS	Two N/C volt free relay contacts. Web interface set up required.
POWER INPUT	Power over Ethernet (48V DC)
POWER CONSUMPTION	Max 3.8W, PoE class 1
ETHERNET STANDARD	Ethernet IEEE 802.3af, TCP/IP
REMOTE ACCESS	Web browser user interface. No software or installation needed.
Dimensions	4.72" x 5.7" x 4.52" (120 x 145 x 115mm)
Weight	1.52 lbs (692 gr)
WARRANTY	2 year warranty

Accessories (optional)

DW-DTCAW
Conduit adaptor

DW-DTPM
Pole mount bracket

DW-DTWT
Walk tester
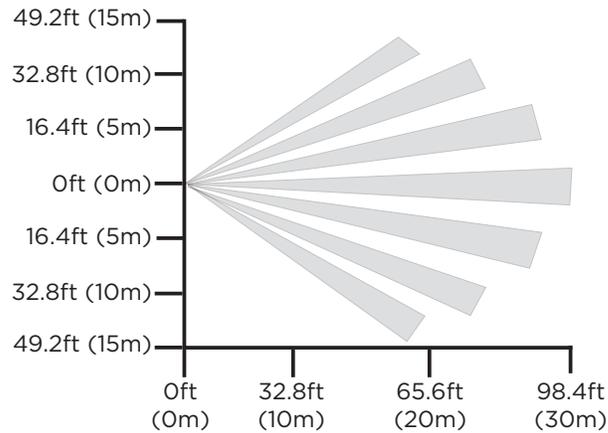
BEAM PATTERN SET TO MAXIMUM RANGE

MULTI-BEAM OPTIMUM
HEIGHT	9.84FT (3M)
RANGE	MAXIMUM
MODULE TILT	0°

LONG RANGE 98.4ft (30m) SECTION

32.8ft (10m) TO 65.6ft (20m) SECTION

0°

9.84ft (3m)

0ft (0m)   32.8ft (10m)   65.6ft (20m)   98.4ft (30m)
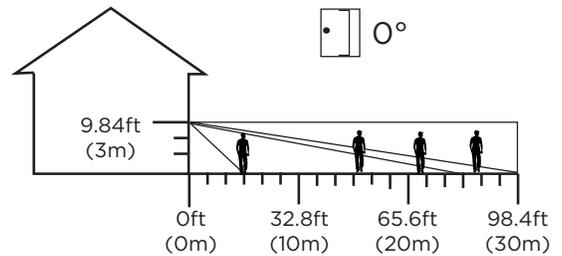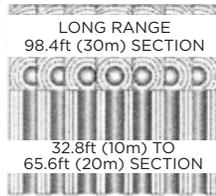
PET IMMUNITY
HEIGHT	4.92FT (1.5M)
RANGE	MAXIMUM
MODULE TILT	-2°

MASK OFF FOR PET ALLEY APPLICATIONS UP TO 65.6FT (20M)

-2°

4.92ft (1.5m)

0ft (0m)   32.8ft (10m)   65.6ft (20m)   98.4ft (30m)
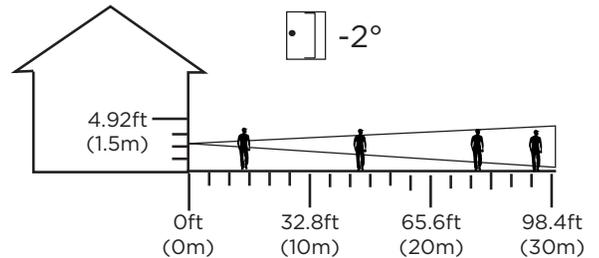
CURTAIN COVERAGE
HEIGHT	16.9FT (6M)
RANGE	MAXIMUM
MODULE TILT	45°

MASK OFF FOR CURTAIN COVERAGE APPLICATIONS

16.9ft (6m)

45°

0ft (0m)   16.4ft (5m)

0ft (0m)   16.4ft (5m)   32.8ft (10m)   49.2ft (15m)
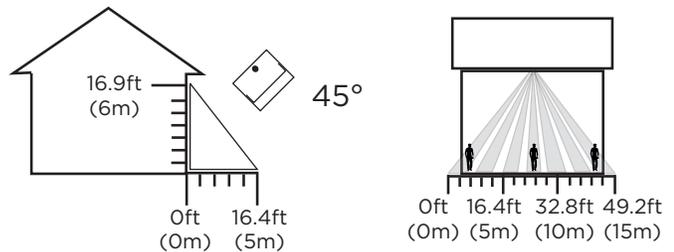
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