

RADIO PIR DATASHEET



QUANTUM™

R15
RADIO PIR

- 15m X 15m WIDE ANGLE COVERAGE
- LOOK DOWN “CREEP ZONE”
- HIGH WHITE LIGHT IMMUNITY
- ADJUSTABLE PULSE COUNT
- ADJUSTABLE RANGE
- LONG LIFE LITHIUM BATTERY POWERED
- LOW BATTERY WARNING SIGNAL
- HOURLY SUPERVISION RADIO SIGNALS
- AUTOMATIC TEST MODE DISABLE
- HIGH R.F. AND E.S.D. IMMUNITY
- SAWR STABILISED RADIO TRANSMITTER

SPECIFICATIONS

Dimensions	120(h) x 67(w) x 55(d) mm
Mounting height	2 – 3m
Coverage	15m x 15m @ 90°
Detector zones	20 dual element zones + vertical Creep Zone
Pulse count	Selectable 1–2 or 3–4
Range	Selectable High/Low
Sensor	Dual element pyroelectric
Visual display	Red alarm LED
Alarm period	5 seconds
Warm up period	30 seconds
Operating voltage	9V DC
Battery	9V Lithium, Ultralife U9VL, (supplied)
Quiescent current draw	16µA
Radio transmitter	SAWR stabilised
Radio frequency	Available in 304MHz / 868MHz / 315MHz
Transmit power	100µW PEP
Compatibility	All Ness radio receivers

QUANTUM™ R15 RADIO PIR

The Ness Quantum™ R15 Radio PIR is a purpose built radio detector especially designed for the latest generation of Ness radio control panels.

The R15 is fully compatible with all Ness radio receivers and radio capable control panels. Radio supervision is also available when used with compatible Ness control panels via the Ness 100-200 Radio Interface, or direct to the Ness SGIII and R16 panels.

With a detection range of 15 metres with high immunity to RF and white light interference, adjustable pulse count and adjustable sensitivity, the R15 is the ideal radio PIR for most domestic and commercial wireless installations.

The R15 is powered by and supplied with a long life lithium 9V battery.

100-663 Ness QUANTUM R15



Optional 100-243 wall or ceiling mounting bracket also available.



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