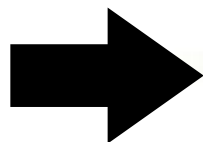
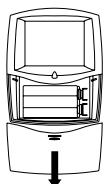


# NESS QUANTUM™ R12

## RADIO PIR DATASHEET



**QUANTUM  
MOUNTING  
BRACKET  
INCLUDED!**



Separate battery  
compartment



**MADE  
IN  
AUSTRALIA**

**QUANTUM™**

**R12**  
RADIO PIR

- 12m X 12m WIDE ANGLE COVERAGE
- SAWR STABILISED RADIO TRANSMITTER
- HIGH R.F. AND E.S.D. IMMUNITY
- HIGH WHITE LIGHT IMMUNITY
- ADJUSTABLE PULSE COUNT
- ADJUSTABLE RANGE
- LONG LIFE LITHIUM BATTERY SUPPLIED
- MOUNTING BRACKET SUPPLIED
- LOW BATTERY WARNING SIGNAL
- HOURLY SUPERVISION RADIO SIGNALS
- SEPARATE BATTERY COMPARTMENT
- AUTOMATIC TEST MODE DISABLE

### SPECIFICATIONS

Dimensions	99(h) x 79(w) x 48(d) mm
Mounting height	2.1m
Coverage	12m x 12m @ 90°
Detector zones	20 dual element zones
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	7-9V DC
Battery	9V Lithium, Ultralife U9VL, (supplied)
Quiescent current draw	16µA
Radio transmitter	SAWR stabilised
Radio frequency	303.875MHz
Transmit power	100µW PEP
Compatibility	All Ness radio receivers

### QUANTUM™ R12 RADIO PIR

The Ness Quantum™ R12 radio PIR is a purpose built radio detector especially designed for the latest generation of Ness radio control panels.

The R12 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 R8 panel.

With a detection range of 12 metres with high immunity to RF and white light interference, adjustable pulse count and adjustable sensitivity, the R12 is the ideal radio PIR for most domestic and commercial wireless installations.

The R12 is powered by and supplied with a long life lithium 9V battery. The battery compartment can be accessed from the front of the detector, without having to remove the detector from the wall or expose the internal electronics.

100-691 Ness QUANTUM R12



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