

# NESS QUANTUM™ DUAL

## DUAL PIR/MICROWAVE

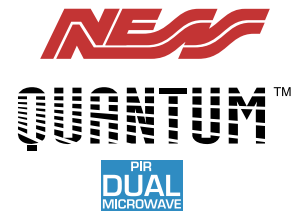


### QUANTUM™ DUAL

Dual Technology 15 metre detector using both microwave and passive infrared (PIR) detection. This combination of technologies virtually eliminates false alarms but faithfully detects intruders.

The microwave detector has range control and the PIR section has selectable Range Control and Pulse Count adjustments. With Automatic Temperature Compensation and high RFI immunity.

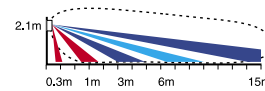
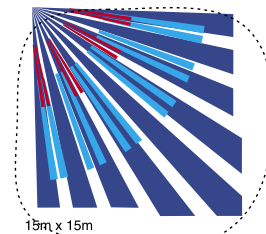
100-210 Ness QUANTUM DUAL detector



### SPECIFICATIONS

|                        |  |
|------------------------|--|
| DIMENSIONS             | 70(h) x 123(w) x 45(d)mm   |
| MOUNTING HEIGHT        | 2 – 3m<br>Use the optional 100-243 Quantum Bracket at other heights. |
| COVERAGE               | Up to 15m x 15m @ 90°  |
| MICROWAVE SENSOR       | Solid State 10.525 GHz   |
| MICROWAVE RANGE SELECT | Selectable High/Low  |
| PIR SENSOR             | Dual element pyroelectric.   |
| PULSE COUNT            | Selectable 1–2 or 3–4.   |
| VISUAL DISPLAY         | Green PIR LED<br>Amber Microwave LED<br>Red Alarm LED                |
| ALARM OUTPUT           | Normally Closed relay, dry contacts. Max. 0.5A@24V.                  |
| ALARM PERIOD           | 2 seconds.   |
| TAMPER OUTPUT          | Normally Closed dry contacts.  |
| WARM UP PERIOD         | 60 seconds.  |
| OPERATING VOLTAGE      | 9-15V DC   |
| CURRENT DRAW           | 20mA   |
| RF IMMUNITY            | 15V/m 10-1000MHz   |

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