



# lux

Yet another bright idea!

PREMIUM  
PRODUCT

PREMIUM RADIO PIR FOR EFFECTIVE SECURITY + BRIGHT NIGHT-LIGHT FOR SAFETY

## Ness LUX

### Premium Radio PIR with Night-Light

Ness LUX Radio PIR – a unique wireless motion detector with a white LED night-light.

With all the features and benefits of Ness premium radio detectors, LUX features 15m x 15m detection coverage, look-down creep zone, high RF immunity, white light immunity, adjustable range, adjustable pulse count and extremely long battery life.

For safety and convenience, LUX's night-light function provides a motion-activated cone of light to help you find your way at night, while the built-in ambient light sensor helps save power by enabling the night-light only in the dark.

Ness LUX's "capsule" design protects sensitive electronic components and provides easy access to the dipswitches and batteries.

Ness LUX is supplied with long-life lithium batteries with an expected service life of up to 5 years service under normal conditions.\*

LUX PET AWARE model with unique Opposing Fields lens technology has a superior ability to discriminate between household pets and unwanted human intruders allowing you to secure your home with your pets indoors.

- 15m x 15m wide angle coverage
- Look down 'Creep Zone' (106-168)
- White LED motion activated night-light
- Adjustable Pulse Count
- Adjustable Range
- High R.F. and E.S.D. immunity
- High white light immunity
- SAWR stabilised radio transmitter
- Capsule design with sealed electronics
- Front cover tamper protection
- Long life Lithium batteries supplied
- Low battery warning signal
- Hourly Supervision radio signals
- Includes wall mounting bracket
- Optional ceiling bracket available
- LUX PET AWARE model allows you to secure your home with your pets indoors




PREMIUM RADIO PIR FOR EFFECTIVE SECURITY + BRIGHT NIGHT-LIGHT FOR SAFETY



Fully encapsulated electronics module for safety and security

Includes convenient wall mount swivel bracket

Optional Deluxe Swivel Bracket for wall or ceiling mounting (Part No. 106-169)

LUX PET AWARE (106-170)  
Secure your home with your pet indoors

LUX PET AWARE has high sensitivity to large targets and excellent rejection of pets

## Specifications

Dimensions	112(h) x 72(w) x 48(d) mm
Mounting height	2.1m – 2.4m
Coverage	Up to 15m x 15m @ 90°
Detector zones	20 dual element zones
Pulse count	Selectable 1–2 or 3–4
Range	Selectable High/Low. 15m max./12m max.
Sensor	Dual element pyroelectric
Alarm indication	Blue alarm LED
Night-Light	White LED with adjustable threshold / Dark-enabled / Motion activated
Night-Light duration	PIR reset time + 10 sec / Typically on for 15–20 sec after a single trigger Remains lit during constant motion
Pet Immunity (Pet Aware model)	Single pet up to 18kg or multiple pets up to 10kg total
Alarm duration	5 seconds
Warm up duration	30 seconds
Operating voltage	3V DC
Battery	2 x CR123A Lithium
Quiescent current	< 14µA
Radio frequency	304MHz / 868MHz depending on region
Transmit power	100µW
Compatibility	All Ness radio-enabled control panels, Ness MCR receiver, Ness SCR receiver

## Ordering Information

106-168 Ness LUX Radio PIR 304MHz  
106-170 Ness LUX Radio PIR PET AWARE 304MHz  
106-169 Ness LUX Deluxe Swivel Bracket

868MHz models available for export markets.

\* Typical battery life up to 5 years depending on motion detection activations and white light settings.



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