

Ness LUX HW Security & Automation PIR with Night-Light

Introducing Ness LUX HW PIR – a unique hardwired motion detector with a white LED night-light.

LUX HW features a Quad sensor for superior detection, 15m x 15m detection coverage, look-down creep zone, high RF immunity, white light immunity, adjustable range, adjustable digital pulse count and of course the handy LUX night-light.

For safety and convenience, LUX HW's night-light function provides a motion-activated cone of light to help you find your way at night. The night-light can operate in automatic or manual modes and can even be triggered by an external input.

LUX HW is automation-ready with a high sensitivity Fast Out output and smart external control of the night-light.

LUX HW is a high sensitivity PIR and PET AWARE sensor rolled into one with a unique adjustable sensor mask providing easy configuration of Normal, No Creep and Pet modes.

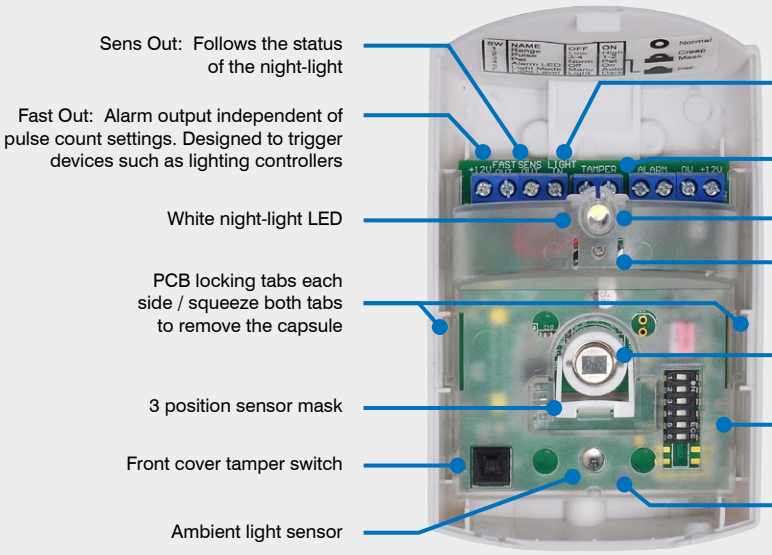
LUX HW, with Quad Detection, Pet mode, Night-Light and Automation mode – a combination that can't be beaten!

- Quad element pyro sensor
- 15m x 15m wide angle coverage
- Look down 'Creep Zone'
- Selectable Standard and Pet Aware modes
- Adjustable sensor mask for No Creep & Pet mode
- Supports Home Automation with Fast Response Output / Sens Out / Light In
- White LED motion activated night-light
- Adjustable Digital Pulse Count
- Adjustable Digital Range
- Temperature compensation
- High R.F. and E.S.D. immunity
- High white light immunity
- High quality patented Fresnel lens
- Capsule design with sealed electronics
- Front cover tamper protection
- Totally silent solid state relay with high immunity to magnetic fields
- Optional mounting bracket available
- 10~15V DC Operation

lux HW

Premium Hardwired Security & Automation PIR

With Quad Sensor, Night-Light, Selectable Pet Mode, Sensor Mask



DIMENSIONS	112(h) x 72(w) x 48(d) mm
MOUNTING HEIGHT	2.1m – 2.3m
COVERAGE	Up to 15m x 15m @ 90°
DETECTOR ZONES	20 quad element zones + vertical anti-creep zone
PULSE COUNT	Selectable 1–2 or 3–4
RANGE	Selectable High/Low. 15m max./12m max.
SENSOR	Quad element pyroelectric
ALARM INDICATION	Blue alarm LED
RELAY OUTPUT	Silent solid state relay, normally closed contacts, 100mA max.
TAMPER OUTPUT	Normally closed switch
FAST OUTPUT & SENS OUTPUT	Open collector (pulls to 0V/Neg)
LIGHT IN INPUT	Pull low to 0V/Neg to turn on the night-light
NIGHT-LIGHT	White LED adjustable Light/Dark threshold / Motion activated / Ext control
NIGHT-LIGHT OPERATION	Operates regardless of ambient light level for 1hour after power up then operates in auto mode (if enabled) / 25 sec on time / external trigger via the Light-In input / Sens Out output follows night-light state
PET IMMUNITY (PET AWARE MODE)	Single pet up to 18kg or multiple pets up to 10kg total
ALARM PERIOD	2 seconds
WARM UP DURATION	30 seconds PIR startup time
WALK TEST MODE	Night-Light follows the blue alarm LED for 1 hour after power-up to provide walk test indication
OPERATING VOLTAGE	10~15V DC
CURRENT DRAW	10mA

Ordering Information



106-173
LUX HW PIR



100-243 Optional
Quantum Swivel
Bracket

2 YEARS WARRANTY

Innovative Electronic Solutions

www.nesscorporation.com

Quality ISO 9001 NSW Head Office only

CEDIA CUSTOM ELECTRONIC DESIGN & INSTALLATION ASSOCIATION Member

ASIAL MEMBER

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