What is it?
Wildcat™ is a new generation thermal infrared sensor designed to deliver advanced data about people’s activity: Presence, People Counting, Position & Trajectories. Main applications include building automation, energy savings, space management and occupancy analytics.

How does it work?
Wildcat™ is a thermal infrared sensor that captures the heat that people are emitting to detect them. It is anonymous by design and respects user privacy. Moreover, Wildcat™ is a matrix sensor, which provides very accurate people counting and people localization data. And thanks to IRLYNX’s exclusive infrared technology, Wildcat™ is low-cost and compatible with mass market.

For who?
Wildcat™ is an OEM component aimed at BMS/BAS system and appliance manufacturers, smart sensors manufacturers, as well as lighting and HVAC companies. It is all-in-one, easy to integrate, and speeds up manufacturers’ time-to-market. Wildcat™ sensing module indeed includes an IR optic, IRLYNX’s patented detection array, and embedded algorithms and provides already processed data, in real-time.

WILDCAT™ speeds up your time-to-market:
- All-in-one
- Embedded signal processing
- Small form factor

www.irlynx.com
WILDCAT™
THERMAL INFRARED MODULE

New generation of thermal infrared sensor

TARGETED MARKETS:
BUILDING AUTOMATION
ENERGY SAVING
SMART OFFICE
RETAIL
INDUSTRY
SMART HOME

Technical specifications:

Sensing module:
- Sensing technology: Passive thermal infrared array
- Matrix size: 68 x 68
- DFOV: 90°, square FOV

Firmware API
- Embedded functions: Presence and absence detection, People counting, Position, Motion direction

Mechanical
- Package dimensions: 30 x 30 x 17 mm (w x l x h)
- Weight: <50g
- Mount: Ceiling mount

Electrical
- Communication interface: UART
- Connectors: Socket connector 9 x 1.27 mm or micro-USB
- Power consumption: 90 mA
- Supply voltage: 3.3v (external power supply) or 5v USB

sales@irlynx.com | www.irlynx.com | 43 ch. Du Vieux Chêne - 38 240 Meylan (FR)