



The Beonic Thermal Sensors EL is a state-of-the-art, extremely accurate, ceiling mounted, people counter.

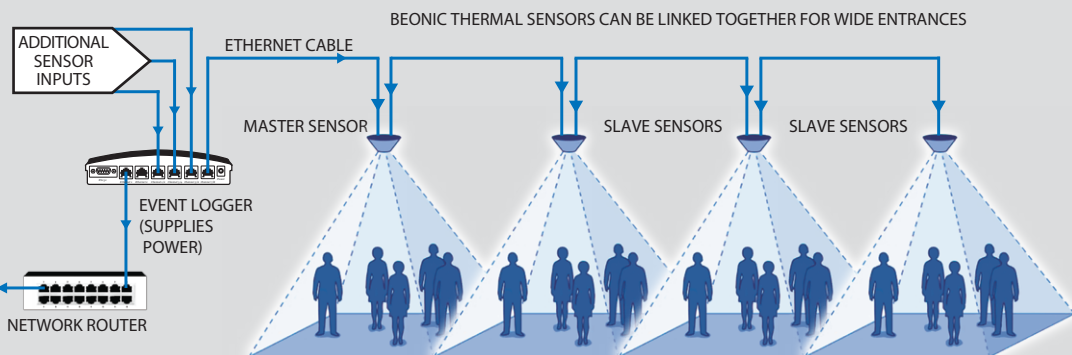
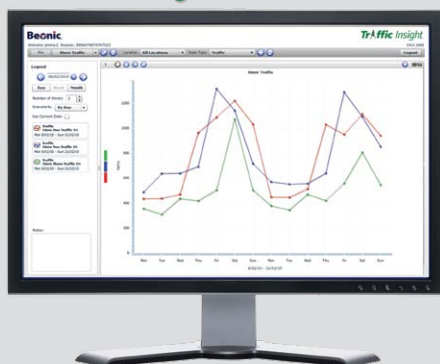
It employs a high accuracy, Infra-red, heat-sensitive sensor to count body heat going in multiple directions.

These sensors are high quality, compact devices of robust construction, are reliable in a wide variety of environments. Though inconspicuous, they can be found in many of Australia's busiest public areas.

The Beonic Thermal Sensor EL is powered by the Beonic Event Logger that can collate data from a range of different sensors.

How do Thermal Sensors work?

Traffic Insight. OR Traffic Pro.



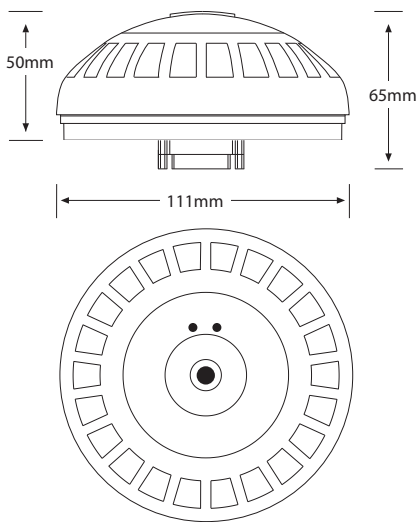


Specifications Thermal Sensor EL

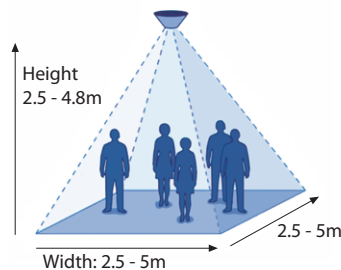
Network Types	Single or master with up to 6 slaves
Power	10-28V DC power from Beonic Event Logger
Current Consumption	65 mA ± 20%
Light	Thermal Image
Switching Frequency	700 Hz
Enclosure Rating	IP55 (Dust proof)
Circuit Protections	Reverse-polarity, Over-current
Operating Temperature	0° to +40° C
Weight	80 grams
Cable	CAT5e, 100m maximum
Options	<ul style="list-style-type: none"> • 60°, 40° or 20° lenses • Indoor/Outdoor ceiling mounts • Wall mounting bracket



Dimensions



Standard Beonic Thermal Sensors have a 60° field of view, making them suitable for ceiling heights between 2.5 - 4.8m.

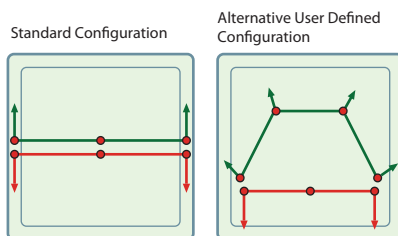


Narrower 40° lenses are available that are suitable for ceilings between 4 - 7.5m. For outdoor applications a 20° lens is also available that has a range of 7 - 12m.

Sensor Configuration

During the configuration process, it is important to design the zone and minimize the possibility of leakage. Both the zone line position and shape can be configured. A count is recorded when a person crosses the designated line in a specific direction.

Directional and non-directional count recording is also user selectable.



Why choose the Beonic Thermal Sensor EL?

- Highly accurate
- Operates independent of ambient light
- Unobtrusive and visually discreet
- Low installation and ongoing maintenance costs
- Economical, flexible and reliable
- Overhead positioning eliminates sensor blocking

Capabilities of the Beonic Thermal Sensor EL

- Determine traffic volume into and around shopping centres, retail outlets, car parks, hospitality venues and public spaces
- Count traffic in two directions
- Distinguishes people entering "side-by-side"
- Excludes "dithering" traffic and U-turns

Summary

The Beonic Thermal Sensor EL is ideally suited to counting traffic in busy areas and entrances as it doesn't suffer the inaccuracies of beam and video counters. The high accuracy of the Beonic Thermal Sensor EL provides solid and reliable data. This data provides the foundation for modern traffic and sales analysis, critical for informed and effective management.

Your Beonic Reseller:

PEOPLE COUNTING SYSTEMS

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