



Catalogue 2017



Wattstopper

Smart spaces, lowers costs, more control.



EUROTEC People • Technology • Solutions
HVAC • Refrigeration • Electrical • Measurement

Lighting unoccupied spaces wastes energy. Wattstopper has the solution!

Why Wattstopper?



- 5 Year warranty
- Has been in the NZ Market for over 20 Years
- Excellent performance and reliability
- Widely specified by consultants for many large projects throughout New Zealand. Otago prison, Manukau Police station, Manukau woman's prison, Waikato University, Auckland University, Lincoln University, Auckland City Council, Tauranga Hospital, Tauranga Department of Labour and Massey University.

Energy Saving Automation & Lighting Control


- Low voltage (24VDC) lighting control system for energy saving through occupancy sensing and daylight 'harvesting'
- Dual technology sensing with combined PIR and ultrasonic sensors




PIR Occupancy Sensor Ceiling Mount 24VDC (Indoor)

	Catalogue Ref No	Description	Time Delay	Coverage Size	Application	Trade Price
	W-PIR	90° Std Unit	30s-30m	27.9m ²	Small Office	\$93.00
	CX-100	90° Std Unit + Lux Sensor	15s-30m	185.8m ²	Office	\$131.00
	CB-100	PIR 90° Occupancy Sensor for cold conditions. Low Temp. Operating range: -40°C to +35°C	15s-10m	185.8m ²	Walk-in Chillers and Freezers	\$250.00
	CI-300	360° Std Unit + Lux Sensor	Std Lens 30s-30m	111.5m ²	Larger Office	\$142.00
	CI-300-1	Sensor Flush Mtg	High Density	46.5m ²	Small meeting room	\$142.00



PIR Occupancy Sensor Ceiling Mount 12VDC or 24VDC/AC - HVAC & BMS Applications

	CI-24	360° Std Unit Flush Mtg		111.5m ²		\$96.00
			30s-30m		Offices	
	CI-24-1	360° Std Unit + Hi-Density Lens Flush Mounting		46.5m ²		\$96.00


PIR Occupancy Sensor 24VDC (Outdoor) IP55

	EW-205-24-W	270° Std Unit Surface Mtg	White	12s-16m	16m Linear	Outdoor	\$98.00
	EW-205-24-G		Grey				\$98.00

Ultrasonic Occupancy Sensor Ceiling Mount 24VDC

	W-500A				46.5m ²		\$122.00
	W-1000A	360° Ultrasonic Sensor Surface Mtg		15s-15m	92.9m ²	Toilets and Open Plan Areas	\$142.00
	W-2000A				185.8m ²		\$163.00
	W-2000H	Ultrasonic Corridor Sensor Surface Mount			24.7m Linear	Corridors	\$163.00
	UT-300-1				46.5m ²		\$169.00
	UT-300-2	360Deg Ultrasonic + Lux Sensor Ceiling flush mount	5m-30m		92.9m ²	Toilets and Open Plan Areas	\$198.00
	UT-300-3				185.8m ²		\$226.00


Dual Technology Occupancy Sensors Wall & Ceiling Mount 24VDC

	DT-200	90° Dual Tech + Lux Sensor Surface Mtg		5m-30m	92.9m ²	Classrooms and Boardrooms	\$224.00
	DT-300	360° Dual Tech + Lux Sensor Ceiling Flush Mtg					\$224.00

Terms and Conditions apply. Subject to change without notice | Prices are GST Exclusive | Items per unit unless otherwise stated




Wall Switch Occupancy Detectors & Time Switches 24VDC

	Catalogue Ref No	Description	Coverage Size Timer	Application	Trade Price
 TS-400	TS-400-24	Digital Time Delay Switch	5m - 12H	Storage Room	\$82.00
	PW-100-24-W	PIR Wall Switch Man/Auto		Small offices and Toilets	\$128.00
	UW-100-24-W	Ultrasonic Wall Switch Man/Auto	5m - 30m		\$140.00
	DW-100-24-W	Dual Tech Wall Switch Man/Auto			\$207.00


Daylighting Controls 24VDC

	LS-102	Programmable Daylight Control	Indoor Daylight Controllers	\$126.00
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High Bay Occupancy Sensors 24VDC

	Catalogue Ref No	Description	Application	Trade Price
 High Bay Lens	HB-300	High Bay Occupancy Sensor Module	Warehouse and Gymnasiums	\$101.00
	HB-300C-B	Low Temp -40 to +35DegC (HB-300C-B)		\$101.00
	HB-L1	High Bay Sensor Lens Only	Two sided aisleway coverage	\$24.00
	HB-L1M		One sided aisleway coverage	\$24.00
	HB-L3		360° 7m at 6m mounting height	\$24.00
	HB-L4		360° 20m at 12m mounting height	\$24.00

Power Supply's

	Catalogue Ref No	Description	Input	Output	Detail	Trade Price
 BD-100E-P	B230E-P	Power Pack Junction Box Mounting	230VAC	24VDC 114mA	20Amp Relay	\$44.00
	BD-100E-P	Power Pack DIN Rail Mtg Hold On + Hold Off		24VDC 175mA		\$84.00

Accessories

	Catalogue Ref No	Description	Sensors	Trade Price
 WC Cage	WC-1	Protective Wire Cage For Sensors	DT-200 / CX-100 / CB-100	\$65.00
	WC-2		W-500A/ W2000H / WT / CI-200 / WPIR / DT-300 / UT-300 / CI-300	\$65.00
	WC-3		DW-100 / UW-100 / PW-100	\$101.00
	WC-4	Protective Wire Cage For Wall Switches		
	CA-1	Adaptor Plate for 300 Series Sensors		\$6.00
	MOUNTING BLOCK	Surface Mounting Block for use with CA-1		\$29.00

Technologies

Passive Infra-Red	Ultrasonic	Dual Technology
<p>Passive infra-red (PIR) technology detects occupancy by sensing the difference between heat emitted from a human body in motion and the back-ground space. PIR sensors require a clear line of sight.</p> <p>PIR occupancy sensors differ from ordinary PIR sensors by the higher density of sensors and coverage.</p>	<p>Ultrasonic technology works by transmitting ultrasonic sound waves throughout an area and measuring the speed at which they return.</p> <p>Occupant movements change the frequency of the waves. Ultrasonic sensors can detect movement around partitions and obstacles.</p>	<p>Combined PIR and ultrasonic technology ensure maximum sensitivity and coverage for hard to sense spaces for optimal reliability and energy savings.</p>

Recommended Uses

Passive Infra-Red	Ultrasonic	Dual Technology
<p>Small offices</p> <p>Warehouses</p> <p>Library bookstacks or other aisles</p> <p>Common areas & lobbies</p> <p>Computer rooms</p>	<p>Restrooms</p> <p>Open office spaces</p> <p>Enclosed hallways</p> <p>Stairways</p>	<p>Classrooms</p> <p>Large conference rooms</p> <p>Large offices</p> <p>Lunchrooms</p>

Coverage Patterns

Passive Infra-Red	Ultrasonic	Dual Technology												
<p style="text-align: center;">Wall Mount...</p>	<p style="text-align: center;">Ceiling Mount...</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="4" style="text-align: center;">Total coverage...</td> </tr> <tr> <td>W-500A</td> <td>46.5m²</td> <td>W-2000A</td> <td>185.8m²</td> </tr> <tr> <td>W-1000A</td> <td>92.9m²</td> <td>W-2000H</td> <td>27m Linear</td> </tr> </table>	Total coverage...				W-500A	46.5m ²	W-2000A	185.8m ²	W-1000A	92.9m ²	W-2000H	27m Linear	<p style="text-align: center;">Wall Mount...</p>
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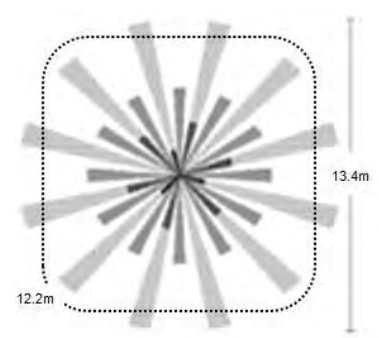
Passive Infra-Red

Ceiling Mount - Standard Density...



Dual Technology

Ceiling Mount - Standard Density...



Ceiling Mount - High Density

