



RESIDENTIAL SENSOR GUIDE



	1000 Series	2000 Series								Control Pro	IQ	High Frequency	Daylight Sensor	
Model	IS1	IS 360-1 DE	IS D360	IS 2160 ECO	IS 2140 ECO	IS 2300 ECO	IS 360-3	IS 2360-3 ECO	IS 2180 ECO	IR Quattro Micro	SensIQ S	iHF 3D	Nightmatic 2000	NightmatIQ
Range	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Presence Detection	Presence Detection	Presence Detection	Daylight	Daylight
Sensor Type	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	High Frequency	Daylight	Daylight
Key Proposition, the most important feature of the product/key advantage.	High tech low energy	Impressive performance	Great for storerooms	Ideal for entrance ways	Classic unit with flexibility	Corner specialist!	Great all-round Sensor	Great performance	Low profile unit	Office / meeting room	Long range unit very versatile	3D Technology	Lighting control	Lighting control
Application	Indoor / Outdoor	Indoor / Outdoor	Indoor	Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor	Indoor / Outdoor	Outdoor	Indoor / Outdoor	Indoor / Outdoor
Mounting	Wall / Ceiling	Recessed Ceiling	Recessed	Wall	Wall	Wall/Corner	Surface Ceiling	Surface Ceiling	Wall	Recessed Ceiling	Wall	Wall	Wall	Wall
Dimensions (mm) W X H	80.0 x 50.0	78.0 x 89.0	82.0 x 82.0	73.0 x 113.0	70.0 x 86.0	85.0 x 60.0	121.0 x 57.0	121.0 x 57.0	120.0 x 78.0	43.0 x 76.0	74.0 x 114.0	118.0 x 117.0	99.0 x 74.0	95.0 x 95.0 x 38.0
Detection Area	120 °	360 °	360 °	160 °	140°	300°	360°	360°	180 °	360°	300°	160°	N/A	N/A
IP Rating	IP54	IP54	IP20	IP54	IP54	IP54	IP54	IP54	IP54	IP65	IP54	IP54	IP54	IP54
Max reach	10m	4m ²	8m Radius	12m	14m	12m	12m ²	12m ²	12m	6m ²	3 x 20m (3 zone)	3 x 7m (3D)	N/A	N/A
Adjustment (hori/vert)	60/180 °	N/A	N/A	40/70 °	180/90°	80°	N/A	N/A	N/A	N/A	N/A	3D Adj	N/A	N/A
Delay Time	8sec - 35min	8sec - 35min	5sec - 20min	8sec - 35min	8sec - 35min	10sec - 15min	5sec - 15min	5sec - 15min	10sec - 15min	5sec - 60min	5sec - 15min	5sec - 60min	N/A	N/A
Mounting Height (m)	1.8 - 3.0	2.5 - 4.0	2.5 - 4.0	1.8 - 3.0	1.8 - 3.0	1.8 - 4.0	2.5 - 6.0	2.5 - 6.0	1.8 - 4.0	2.0 - 5.0	2.0 - 5.0	1.8 - 2.0	1.8	1.8 - 4.0
GLS (Max W load on relay output)	500	1000	2000	600	2000	2000	2000	2000	2000	1000	2000	2000	1000	1000
LED (Max W load on relay output)	64	64	64	64	64	600	600	600	64	600	600	600	600	250
Settings	Rotary Dials	Rotary Dials	Remote / Dials	Rotary Dials	Rotary Dials	Rotary Dials	Rotary Dials	Rotary Dials	Rotary Dials	Remote	Remote / Dials	Remote / Dials	Button / Dial	Smart App
Ambient Operation °C	-20 - +50	-20 - +40	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +55	-20 - +50	-20 - +50	-20 - +50	-20 - +50
White	600310	032845	601317	606015	034672	034719	N/A	057770	034696	053789	034955	066222	550417	066147
Black / Anthracite	600419	032852	N/A	605919	034689	034726	006525	N/A	034702	N/A	034979	066215	N/A	066130
Warranty	3 Years	3 Years	5 Years	5 Years	5 Years	5 Years	3 Years	5 Years	5 Years	5 Years	5 Years	5 Years	3 Years	3 Years
Description of Unit	Best in market sensor for precise targeting and suited for front of buildings and on driveways	Perfect for mounting under projecting roofs and suspended ceilings	Ideal for storerooms, corridors and washrooms	Great for small premises, entrance ways and garage approaches	Great unit for large adjustment angles and longer reach	Great for corner of building and winding hallways	Great for soffits, carports, driveways and building facades	Car parks, change rooms, stairwells and warehousing	Great for balconys, courtyards, driveways and front of buildings	Great for offices, showers and or any areas effected by moisture as IP65 certified	Multistorey car parks, warehouses, driveways, indoors and general purpose	Unit is able to distinguish between human movements from animals, bushes and rain etc	Lighting control of building fronts, shop windows. On / Off functions for dusk and dawn	Lighting control of building fronts, shop windows. On / Off functions for dusk and dawn

Note: Always get the electrician to check the actual loadings and quantity of fittings to match the specification of the relay output to ensure correct operation - refer to TDS if needed - Refer to website for additional information - Accessories / Specification

Ph. 0800 350 000
www.electrical.co.nz



COMMERCIAL SENSOR GUIDE



	3000 Series						IQ	Control Pro							
Model	IS 345 MX	IS 345	IS 3180	IS 3360 MX	IS 3360	IS D360	SensiIQ	IR Quattro Micro	IR Quattro HD	IR Quattro	Dual Tech	US 360	Dual US	Dual HF	HF 360
Range	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Presence Detection	Presence Detection	Presence Detection	Presence Detection	Presence Detection	Presence Detection	Presence Detection	Presence Detection	Presence Detection
Sensor Type	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared & Ultrasonic	Ultrasonic	Ultrasonic	High Frequency	High Frequency
Key Proposition, the most important feature of the product/key advantage.	Perfect for high ceilings	Aisles and long corridors	Large outdoor spaces	The highbay specialist	Great for large areas	Great for storerooms	King of motion	Small and precise	Precise detection	Perfect for the conference room	Best of both worlds	Total coverage	Designed for stairwells	Corridor king	Sees everything
Application	Indoor	Indoor / Outdoor	Outdoor	Indoor	Indoor / Outdoor	Indoor	Outdoor	Indoor / Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Mounting	Surface Ceiling	Surface Ceiling	Surface	Surface Ceiling	Surface Ceiling	Recessed	Wall	Recessed Ceiling	Recessed / Surface	Recessed / Surface	Recessed / Surface	Recessed / Surface	Recessed / Surface	Recessed / Surface	Recessed / Surface
Dimensions (mm) W X H	95.0 x 95.0	95.0 x 95.0	95.0 x 95.0	95.0 x 95.0	95.0 x 95.0	82.0 x 82.0	144.0 x 113.0	43.0 x 43.0	120.0 x 120.0	120.0 x 120.0	120.0 x 120.0	120.0 x 120.0	120.0 x 120.0	120.0 x 120.0	120.0 x 120.0
Detection Area	360°	360°	180 °	360°	360°	360°	3 x 100°	360°	360°	360°	360°	360°	360°	360°	360°
IP Rating	IP54	IP54	IP54	IP54	IP54	IP20	IP54	IP65	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Max reach	30 x 4m	23 x 6m	20m Radius	18m Radius	20m Radius	8m Radius	3 x 20m	6 x 6m	20 x 20m	7 x 7m	10 x 10m	10 x 10m	3 x 20m	20 x 3m	6m Radius
Adjustment (hori/vert)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Delay Time	5sec - 15min	5sec - 15min	5sec - 15min	5sec - 15min	5sec - 15min	5sec - 20min	5sec - 15min	5sec - 60min	5sec - 30min	30sec - 30min	30sec - 30min	30sec - 30min	30sec - 30min	30sec - 30min	30sec - 30min
Mounting Height (m)	4.0 - 14.0	2.5 - 5.0	1.8 - 2.5	4.0 - 14.0	2.5 - 4.0	2.5 - 4.0	2.0 - 5.0	2.0 - 5.0	2.5 - 10.0	2.5 - 8.0	2.5 - 3.5	2.5 - 3.5	2.5 - 3.5	2.5 - 3.5	2.5 - 3.5
Light Level Settings (lux)	2-1000	2-1000	2-2000	2-1000	2-1000	2-2000	2-1000	2-1000	2-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000
GLS (Max W load on relay output)	2000	2000	2000	2000	2000	2000	2500	1000	2000	2000	2000	2000	2000	2000	2000
LED (Max W load on relay output)	600	600	600	600	600	64	64	600	600	600	600	600	600	600	600
Settings	Remote / Dials	Remote / Dials	Rotary Dials	Remote / Dials	Remote / Dials	Remote / Dials	Remote / Dials	Remote	Remote / Dials	Remote / Dials	Remote / Dials	Remote / Dials	Remote / Dials	Remote / Dials	Remote / Dials
Ambient Operation °C	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-25 - +55	-25 - +55	-25 - +55	-25 - +55	-25 - +55	-20 - +55	-25 - +55	-25 - +55
White	010492	010485	009113	033569	010478	601317	029562	053789	002794	000349	007997	007935	007843	002978	002800
Black / Anthracite	N/A	N/A	N/A	N/A	N/A	N/A	029579	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
Description of Unit	Well suited for high ceilings, high bays, machine shops, departure lounges	Great for aisles, long corridors and car parks	Ideal for courtyards, driveways, car parks and corridors	Great for high ceilings in commercial and industrial properties and sports halls	Great unit for large adjustment angles and longer reach	Ideal for storerooms, corridors and washrooms	Entrance ways, loading bays and building surrounds	Designed for wet areas, showers, restrooms and individual offices	Classrooms, open, plan offices, receptions, high bay warehousing	Conference rooms, small offices, kitchens, changing rooms	Meetings rooms, classrooms, recreation rooms, open plan offices	Unit envelopes objects, perfect for offices and change rooms	Perfect for stairwells, aisles, corridors	Corridors, aisles can detect through glass, wood etc. Offers instant detection	Great for changing rooms, toilet cubicles, restrooms, stairwells, detects through walls, glass.

Note: Always get the electrician to check the actual loadings and quantity of fittings to match the specification of the relay output to ensure correct operation - refer to TDS if needed - Refer to website for additional information - Accessories / Specification

Ph. 0800 350 000
www.electrical.co.nz