

Standalone 240V Selection Guide

									
	PIR Motion Sensor Surface Mount	PIR Motion Sensor Flush Mount	PIR Motion Sensor Corner Mount	PIR Motion Sensor Outdoor	PIR Motion Sensor Flush Mount Gimbal	Dual-Tech Occupancy Sensor	Microwave Sensor	PIR Sensor, Master DALI Output PIR Sensor, Slave	PIR Sensor Wide Range
Cat Number	753SSR-WE	753R-WE 753-WE	751R-WE 751-WE	750WPR-GY 750WP-GY	753CF1 753CF2	752/CD1RC 752/CD2RC	752HR2RC	752DALIRC (Master) 752DALIS (Slave)	752IR2RC
Standalone or System Sensor	Standalone	Standalone	Standalone	Standalone	Standalone	Standalone	Standalone	Standalone	Standalone
Supply Voltage	240v, 50Hz	240V, 50Hz	240V, 50Hz	240V, 50Hz	220 - 240V, 50 / 60Hz	240Va.c. ±10% / 50Hz	220-240Va.c., 50 / 60 Hz	220-240Va.c., 50 / 60 Hz	220-240Va.c., 50 / 60 Hz
Design	3-Wire	3-Wire 2-Wire	3-Wire 2-Wire	3-Wire 2-Wire	3-Wire	3-Wire	3-Wire	3-Wire	3-Wire
Special Feature	High Sensitivity	Unobtrusive robust design	Room corner installation	VEET approved, high robustness	Simple, unobtrusive flush design, gimble head	Dual technology for high accuracy	Detection for highbays	Daylight harvesting, DALI broadcast outputs	Wide detection
Sensor Technology	PIR (4 pyro sensors)	PIR	PIR	PIR	PIR	Dual (PIR and/or Ultrasonic)	High Frequency Dopler Effect	PIR	PIR
IP Rating	IP54	IP20	IP20	IP66	IP20	IP20	IP40 (Flush) IP42 (Surface)	IP40 (Flush) IP42 (Surface)	IP40 (Flush) IP42 (Surface)
Mounting	Ceiling, surface	Recessed Ceiling	Corner, ceiling, surface	Wall, Ceiling	Flush for false ceiling	Ceiling (Flush/Surface)	Ceiling (Flush/Surface)	Ceiling (Flush/Surface)	Ceiling (Flush/Surface)
Detection Angle	360°	360°	90°	110°	360°	360°	360°	360°	360°
Detection Range	Ø 24m at H = 2.5m	Ø 10m at H = 2.4m	6 x 6 m	18 m	Ø 7m	PIR: Ø 8m US: 10x16m	Ø 10m at H = 5,5 - 10m Ø 14m at H = 2,5 - 5m	Ø 8m at H = 2.5m	Ø 30m
Timer Setting	5 sec – 15 min Pulse mode	5 sec – 20 min	5 sec – 20 min	5 sec – 20 min	30s -30min Pulse mode Channel 1: 30 sec – 30 min Channel 2: 10 sec – 15 min	5 sec – 30 min Channel 1: 5 sec – 30 min Channel 2: 10 sec – 60 min	Channel 1: 10 sec – 30 min, 1s pulse Channel 2: 10 sec – 60 min	1 - 60 min Pulse mode	Channel 1: ww 10 sec – 30 min, 1s pulse Channel 2: 10 sec – 60 min, 5s pulse
Light Level Sensor	YES	YES	YES	YES	YES	YES	YES	YES	YES
Material Penetration	NO	NO	NO	NO	NO	NO	Wood, glass, thin brick	NO	NO
Inbuilt Manual Override	YES (load on for 4 hrs)	NO (use separate switch to load)	NO (use separate switch to load)	NO (use separate switch to load)	NO (use separate switch to load)	YES	YES	YES	YES
IR Remote Control	NO	NO	NO	NO	NO	YES	YES	YES	YES
Connectivity (Voltage free output for C-Bus or HRC connection)	NO	NO	NO	NO	NO YES - via Control System Aux input (using Ch 2)	YES - via Control System Aux input (using Ch 2) NO	YES - via Control System Aux input (using Ch 2)	NO	YES - via Control System Aux input (using Ch 2)
Output Ratings	240V~10A	240V~ 10A 240V~ 2A (40W min)	240V~10A 240V~ 2A (40W min)	240V~10A 240V~5A (40W min)	240V, 4A max 100W LED SA Resistive motor: 100W	240V~8A 240V~10A / 5A	Load 1: 220-240 V~, 8A max, 100W LED Load 2: 100W Motor 5A res	Dual channel: Max. 25 DALI ballasts, - 16V d.c. , 50mA max.	Load 1: 220-240 V~, 8A max, 100W LED Load 2: 100W Motor 5A res
Warranty	3 year	2 year	2 year	5 year	3 year	2 year	3 year	3 year	3 year
Suggested Application	Car parks, garages	Homes, small offices	Toilets, bathrooms	Car parks, entrance ways, garage doors, driveways, porches, backyards	Homes, small offices	Public conveniences, open plan offices, class rooms	Warehouses, gyms, hotel lobbies, staircases, carparks	Class rooms, conference rooms, lobbies, retail stores, offices	Lobby, warehouses, offices, corridors, function rooms
With Typical Clipsal Lighting Load	TPWPLED2 - Battern, LED weatherproof	TPLP2 - Panel LED	CLC22LED - Circular LED	FLS20LED - LED Flood lights	TPDL1C1 - LED Downlights	TPLP - Panel LED	TPHBM1 - High Bay LED	TPLP series	TPDL402H2 - LED Downlight 35W

System Sensors Selection Guide

								
	C-Bus Multi-Sensor, PIR, Light Level and IR Flush Ceiling Mount	C-Bus Multi-Sensor, PIR Light Level and IR Surface Mount	C-Bus Sensor PIR and Light Level Flush Ceiling Mount	C-Bus Sensor PIR and Light Level Surface Mount	C-Bus PIR Occupancy Sensor Outdoor	C-Bus PIR Occupancy Sensor Corner Mount	DALIcontrol PIR Motion Sensor 30 Series Mechanism	DALIcontrol Motion Sensor Flush Ceiling Mount
Cat Number	5753PEIRL	5754ODPEIR	5753L	5754ODPE	5750WPL-GY	5751L-WE	DCDAL31MOD	DCDALMS360
Standalone or System Sensor	C-Bus System	C-Bus System	C-Bus System	C-Bus System	C-Bus System	C-Bus System	DALIcontrol System	DALIcontrol System
Supply Voltage	C-Bus	C-Bus	C-Bus	C-Bus	C-Bus	C-Bus	DALI	DALI
Special Feature	Native C-Bus Multi sensor for system based occupancy control & daylight harvesting	Native C-Bus Multi sensor for system based occupancy control & daylight harvesting	Native C-Bus PIR sensor for system based occupancy control & daylight harvesting	Native C-Bus PIR sensor for system based occupancy control & daylight harvesting	Native C-Bus PIR sensor for system based occupancy control	Native C-Bus PIR sensor for system based occupancy control	Native DALIcontrol PIR sensor for system based occupancy control	Native DALIcontrol Multi sensor for system based occupancy control & daylight harvesting
Sensor Technology	PIR / PE	PIR / PE	PIR / PE	PIR / PE	PIR	PIR	PIR	PIR
IP Rating	Indoor	Indoor	Indoor	Indoor	IP66	Indoor	Indoor	Indoor
Mounting	Flush ceiling	Surface	Flush ceiling	Surface	Surface	Surface	Grid plate or ceiling housing	Flush
Detection Angle	360°	360°	360°	360°	110°	90°	120°	360°
Detection Range	Ø 15m at H- 2.4m	Ø 10m at H- 2.4m	Ø 15m at H- 2.4m	Ø 10m at H- 2.4m	up to 18 metres from the unit at H- 2.4m	6m x 6m at H- 2.4m	Ø 5m at H- 2.7m	Ø 10m at H = 2.4m
Timer Setting	1 second to 18 hrs, 12 mins, 15 secs (1 sec intervals)	1 second to 18 hrs, 12 mins, 15 secs (1 sec intervals)	1 second to 18 hrs, 12 mins, 15 secs (1 sec intervals)	1 second to 18 hrs, 12 mins, 15 secs (1 sec intervals)	1 second to 18 hrs, 12 mins, 15 secs (1 sec intervals)	1 second to 18 hrs, 12 mins, 15 secs (1 sec intervals)	1 min to 255 mins	1 min to 255 mins
Light Level Sensor	YES	YES	YES	YES	YES	YES	NO	YES
Material Penetration	NO	NO	NO	NO	NO	NO	NO	NO
Manual Override	YES	YES	YES	YES	YES	YES	YES	YES
IR Control	YES - C-Bus IR remote control	YES - C-Bus IR remote control	NO	NO	NO	NO	NO	NO
Connectivity	Can control C-Bus connected loads	Can control C-Bus connected loads	Can control C-Bus connected loads	Can control C-Bus connected loads	Can control C-Bus connected loads	Can control C-Bus connected loads	Can control DALI connected loads	Can control DALI connected loads
Output Ratings	C-Bus	C-Bus	C-Bus	C-Bus	C-Bus	C-Bus	DALI	DALI
Design	C-Bus	C-Bus	C-Bus	C-Bus	C-Bus	C-Bus	DALI	DALI
Warranty	2 year	2 year	2 year	2 year	2 year	2 year	2 year	2 year
Suggested Application	Commercial, Residential, install flush into ceiling	Commercial, Residential, install onto ceiling or slab surface	Commercial, Residential, install flush into ceiling	Commercial, Residential, install onto ceiling or slab surface	Commercial, Residential, install onto ceiling or slab surface or wall	Commercial, Residential, install onto ceiling or slab surface or wall	Commercial, install into 30M grid plates or DALIcontrol ceiling housing	Commercial, install flush into ceiling
With Typical Clipsal Lighting Load	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A