Sensor Selection Tool

Hubbell Control Solutions provides intuitive and flexible deployment options to meet code, enhance comfort, increase energy savings and improve operating efficiency.

OMNI DT PIR US

OMNIDT2000

OMNI ULTRASONIC

OMNIDT1000 | OMNIDT500

OMNIUS2000

OMNIUS1000 | OMNIUS500

OMNI PIR

OMNIIR | OMNIIRL

LIGHTOWL DT PIR US

LODT

LIGHTOWL PIR

LOIRWV | LOIRHB

DIMMING LIGHTHAWK DT PIR US

LHDMMTS2

DIMMING LIGHTHAWK PIR

LHDMIRS3

LIGHTHAWK DUAL TECH PASSIVE INFRARED ULTRASONIC

LHMTS1

LHMTS0

LHDCMTD2

LHDCMTD0

LIGHTHAWK ULTRASONIC

LHUSS1

LHUSS0

LHDCUSD2

LHDCUSD0

LIGHTHAWK PASSIVE INFRARED

LHIRS1 | LHL-IRS1

LHIRS0

LHDCIRD2

LHDCIRD0

BLUETOOTH WASP

WSPDBEM

WSPDLWOBEM

WSPDBSM

WSPDLWOBSM

DIMMING WASP

WSPDEM

WSPDLWOEM

WSPDSM

WSPDLWOSM

WASP

WSPEM

WSPLWOEM

WSPSM

WSPLWOSM

	OMNI® Dual Tech Passive Infrared/Ultrasonic			OMNI Ultrasonic			OMNI Passive Infrared		LightOWL® Dual Tech Passive Infrared/ Ultrasonic	LightOWL Passive Infrared		Dimming LightHAWK® Dual Tech Passive Infrared/Ultrasonic	Dimming LightHAWK Passive Infrared	LightHAWK Dual Tech Passive Infrared/Ultrasonic			
	OMNIDT2000	OMNIDT1000	OMNIDT500	OMNIUS2000	OMNIUS1000	OMNIUS500	OMNIIR	OMNIIRL	LODT	LOIRWV	LOIRHB	LHDMMTS2	LHDMIRS3	LHMTS1	LHMTS0	LHDCMTD2	LHDCMTD0
APPLICATIONS																	
Break Rooms		●	●				●		●					●	●	●	●
Cleanrooms							●										
Cafeterias	●	●	●				●		●	●				●	●	●	●
Classrooms - Small		●	●						●			●		●		●	
Classrooms - Large	●								●			●					
Closets			●				●			●			●				
Conference Halls	●																
Conference Rooms	●	●	●						●			●		●		●	
Hallways				●													
Kitchens				●	●	●				●							
Labs	●						●			●							
Libraries	●			●	●	●			●								
Meeting Rooms		●	●						●			●		●		●	
Open Offices	●								●								
Private Offices		●	●						●			●		●		●	
Restrooms				●	●	●											
Show Floors	●									●	●						
Stairways				●													
Storage Facilities				●			●		●	●							
Training Rooms	●	●	●						●			●		●		●	
Garages																	
Gymnasiums																	
Cold Storage																	
Parking Lots																	
Manufacturing Floors								●			●						
Site/Area																	
Warehouses											●						
SPECIFICATIONS																	
IntelliDAPT®	Yes			Yes			Yes		Yes	Yes		Yes	Yes	Yes			
Bluetooth®	No			No			No		No	No		No	No	No			
Manual Override	Yes (with UVPPM/UVPPHD and Low Voltage Switch)			Yes (with UVPPM/UVPPHD and Low Voltage Switch)			Yes (with UVPPM/UVPPHD and Low Voltage Switch)		Yes (with UVPPM/UVPPHD and Low Voltage Switch)	Yes (with UVPPM/UVPPHD and Low Voltage Switch)		Yes	Yes	Yes	No	Yes	No
Coverage	2000 sq. ft	1000 sq. ft	500 sq. ft	2000 sq. ft	1000 sq. ft	500 sq. ft	450 sq. ft	1500 sq. ft	1600 sq. ft	1600 sq. ft		1000 sq. ft	1000 sq. ft	1000 sq. ft			
Mounting Height	8ft - 12ft			8ft - 12ft			8ft - 12ft		8ft - 12ft	8ft - 12ft		Standard Wallbox	Standard Wallbox	Standard Wallbox			
Voltage	24VDC			24VDC			24VDC		24VDC	24VDC		120/277V or 347V	120/277V or 347V	24V or 120/277V or 347V			
Dimming	No			No			No		No	No		Yes (0-10V)	Yes (0-10V)	No			
Operating Environment	32° to 104°F (0° to 40°C)			32° to 104°F (0° to 40°C)			32° to 104°F (0° to 40°C)		32° to 104°F (0° to 40°C)	32° to 104°F (0° to 40°C)		32° to 104°F (0° to 40°C)	32° to 104°F (0° to 40°C)	32° to 104°F (0° to 40°C)			
PowerPack	UVPP or MP series (not included)			UVPP or MP series (not included)			UVPP or MP series (not included)		UVPP or MP series (not included)	UVPP or MP series (not included)		Not required	Not required	24V version requires UVPP or MP series (not included)		Not required	
Photocell	Yes (-RP version)			Yes (-RP version)			Yes (-RP version)		Yes (-RP version)	Yes (-RP version)		Yes	Yes	Yes			
Relay	Yes (-RP version)			Yes (-RP version)			Yes (-RP version)		Yes (-RP version)	Yes (-RP version)		No	No	Yes (24V version)		No	
Colors	Off white			Off white			Off white		Off white	Off white		White, Ivory, Light Almond, Gray, Black	White, Ivory, Light Almond, Gray, Black	White, Ivory, Light Almond, Gray, Black			
Certifications	UL and cUL, Title 24			UL and cUL, Title 24			UL and cUL, Title 24		UL and cUL, Title 24	UL and cUL, Title 24		UL and cUL, Title 24	UL and cUL, Title 24	UL and cUL, Title 24			
Warranty	5-year			5-year			5-year		5-year	5-year		5-year	5-year	5-year			

	LightHAWK Ultrasonic				LightHAWK Passive Infrared					Bluetooth WASP™				Dimming WASP				WASP			
	LHUSS1	LHUSS0	LHDCUSD2	LHDCUSD0	LHIRS1	LHIRS0	LHDCIRD2	LHDCIRD0	LHL-IRS1	WSPDBEM	WSPDLWOBEM	WSPDBSM	WSPDLWOBSM	WSPDEM	WSPDLWOEM	WSPDSM	WSPDLWOSM	WSPEM	WSPLWOEM	WSPSM	WSPLWOSM
APPLICATIONS																					
Break Rooms																					
Cleanrooms																					
Cafeterias																					
Classrooms - Small																					
Classrooms - Large																					
Closets					●	●	●	●	●												
Conference Halls																					
Conference Rooms																					
Hallways																					
Kitchens																					
Labs																					
Libraries																					
Meeting Rooms																					
Open Offices																					
Private Offices																					
Restrooms	●	●	●	●																	
Show Floors																					
Stairways																					
Storage Facilities		●		●																	
Training Rooms																					
Garages										●	●	●	●	●	●	●	●	●	●	●	●
Gymnasiums										●	●	●	●	●	●	●	●	●	●	●	●
Cold Storage											●		●		●		●		●		●
Parking Lots										●	●	●	●	●	●	●	●	●	●	●	●
Manufacturing Floors										●	●	●	●	●	●	●	●	●	●	●	●
Site/Area										●	●	●	●	●	●	●	●	●	●	●	●
Warehouses										●	●	●	●	●	●	●	●	●	●	●	●
SPECIFICATIONS																					
IntelliDAPT®	Yes				Yes				No	No				No				No			
Bluetooth®	No				No					Yes				No				No			
Manual Override	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes				No				No			
Coverage	400 sq. ft				1000 sq. ft					Available Lens Patterns: 360°, 180°, Aisle, Half Aisle				Available Lens Patterns: 360°, 180°, Aisle, Half Aisle				Available Lens Patterns: 360°, 180°, Aisle, Half Aisle			
Mounting Height	Standard Wallbox				Standard Wallbox					High Mount Lens: 30 ft outdoor / 45 ft indoor, Low Mount Lens: 16 ft				High Mount Lens: 30 ft outdoor / 45 ft indoor, Low Mount Lens: 16 ft				High Mount Lens: 30 ft outdoor / 45 ft indoor, Low Mount Lens: 16 ft			
Voltage	24V or 120/277V or 347V		120/277V or 347V		24V or 120/277V or 347V		120/277V			24VDC or 120-480VAC				24VDC or 120-480VAC				24VDC or 120/277/347VAC or 208/240VAC or 480VAC			
Dimming	No				No					Yes (0-10V)				Yes(0-10V)				No			
Operating Environment	32° to 104°F (0° to 40°C)				32° to 104°F (0° to 40°C)					Indoor: 32° to 149°F (0° to 65°C); Outdoor: -40° to 149°F (-40° to 65°C)				Indoor: 32° to 149°F (0° to 65°C); Outdoor: -40° to 149°F (-40° to 65°C)				Indoor: 32° to 149°F (0° to 65°C); Outdoor: -40° to 149°F (-40° to 65°C)			
PowerPack	24V version requires UVPP or MP series (not included)		Not required		24V version requires UVPP or MP series (not included)		Not required			24V version requires UVPP or MP series (not included)				24V version requires UVPP or MP series (not included)				24V version requires UVPP or MP series (not included)			
Photocell	Yes				Yes					Yes (Upward/Downward)		Yes (Downward)		Yes (Upward/Downward)		Yes (Downward)		Yes (Upward/Downward)		Yes (Downward)	
Relay	Yes (24V version)		No		Yes (24V version)		No			No				No				Yes (24V version)			
Colors	White, Ivory, Light Almond, Gray, Black				White, Ivory, Light Almond, Gray, Black					White, Black, Gray				White, Black, Gray				White, Black, Gray			
Certifications	UL and cUL, Title 24				UL and cUL, Title 24					UL STD 508, UL STD 244A, Title 24				UL STD 508, UL STD 244A, Title 24				UL STD 508, UL STD 244A, Title 24			
Warranty	5-year				5-year					5-year				5-year				5-year			

HUBBELL Control Solutions

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