

Energy Efficiency Solutions

Adaptive Dual Technology, Ultrasonic and Passive Infrared Ceiling and Wall Mount Sensors ATD, AHP and ATP Series

Electrical	
Power Requirements	24V DC nominal, 33mA from Hubbell CU series control unit
Isolated Relay (sensors with RP suffix)	Relay: N/O + N/C contacts; 500mA rated @ 24V DC; 3-wire isolated relay
Agency Approvals	UL and cUL Listed
Physical	
Ceiling Sensors	Wall Mount Sensors
Housing	Flame retardant UL 94 V-0 ABS
Protection	NEMA 4X, when used with ACIPE
Lens	Polyethylene
Dimensions	1.5"H x 4.5"Diameter
Color	Office white
Mounting Height	8 to 12 feet
	Flame retardant UL 94 V-0 ABS
	NEMA 4X, IP66, outdoor use rated (AHP only)
	Polyethylene
	6"H x 2"W x 1.5"D
	Office white; Gray (AHP series)
	8 to 12 feet, 8 to 30 feet (ATP120HB series)
Environmental	
Operating	32°F to 104°F (0°C to 40°C) with rate of change not exceeding 20°F (11°C) per hour; 0% to 95% non-condensing relative humidity
	-40°F to 149°F (-40°C to 65°C) with rate of change not exceeding 20°F (11°C) per hour; 0% to 95% non-condensing relative humidity (AHP series)
Storage	-20°F to 150°F (-29°C to 65°C); 0% to 95% non-condensing relative humidity
Controls	
Time Delay	Test (8 seconds), adaptive 8 to 40 minutes
Ambient Light	1 to 1000 foot candles
Sensitivity	Adaptive 0 to 100%
Sensing Indicators	
Ultrasonic (ATD and ATU Series)	Green LED
Passive Infrared (ATD, AHP and ATP Series)	Red LED

Ceiling Sensors Coverage Patterns

Minor Motion: ■ Ultrasonic ■ PIR Major Motion: ■ Ultrasonic ■ PIR

