



ORDERING

When ordered as part of the APCS system, the APCS-OS will ship with one 50' CAT5 color coded low voltage plug-and-play cable per occupancy sensor (one Occupancy Sensor supplied standard, two optional).

The full APCS system includes lighting and controls for a typical classroom application. See the ordering guide for APCS control; lighting selections are found at www.aleralighting.com and are ordered as a separate line item as part of the APCS package.

IntelliDAPT Dual Technology with LED Indicator

Auto reset from test setting. Self-adjusting timer. Self-adjusting ultrasonic and passive infrared thresholds. Automatic false-on/false-off corrections. Ultrasonic (US) output of 32kHz. Passive infrared (PIR) dual element pyrometer and 12-element cylindrical rugged lens. LED lamp colors provide visual cues indicating occupancy detection method. Red indicates infrared detection. Green indicates ultrasonic motion.

Timer timeout

Automatic mode: 8–30 min. (self-adjusts based on occupancy)

- Test mode: 8 seconds (for an easy check at installation)

Coverage, Power and Signal

Coverage area of approximately 2,000 square feet. Power input 24 VDC, 33 mA. Power is provided through A+CLASS™ low voltage color coded plug-and-play cable; no line or low voltage additional wiring is required for standard classroom applications.

Output is 24 VDC active high-logic control signal with short circuit protection

Operation

APCS-OS is for Indoor use only. Operating temperature: 32o–104o F (0o–40o C). Relative humidity (non-condensing): 0%–95%
Recommended MAX mounting height of 12ft.

Construction

4.5" diameter, 1.5" height (114 mm diameter, 38mm height). 5.0 oz (142g) weight. Attractive, neutral off white color.

Rugged casing, high-impact, injection-molded plastic KJB ABS Cyclac (UL-945VA) flame class rating, UV inhibitors. Mounting base provided.

- Quick-To-Install™ wiring standard. Ships with all required components when ordered as part of the A+CLASS™ system, including but not limited to 50' of color coded, low voltage, plug and play CAT5 cable for return to the A+CLASS™ CCM (Classroom Control Module)

Certifications and Warranty

UL and cUL listed with 5 year warranty when purchased as part of the A+CLASS™ energy management classroom lighting and control system