

SILENT KNIGHT PHOTO DETECTOR

| Intelligent Detector

The Honeywell Silent Knight Series detectors are intelligent (addressable) detectors with point ID capability that enable each detector address to be set with rotary address switches providing exact device locations. Detector sensitivity is continually monitored and reported to the fire alarm control panel. The modern design and expanded color options support contemporary aesthetic demands. In addition, each detector is constructed for exceptional installation and maintenance efficiency.

The SK-PHOTO-W. photoelectric detector's re-designed optical sensing chamber is engineered to sense smoke produced by a wide range of combustion sources in accordance with more stringent code standards.



SK-PHOTO-W.

FEATURES & BENEFITS

- Designed to meet UL 268 7th Edition
- New modern profile
- Analog communications
- Low standby current
- Rotary address switches
- Dual LEDs for 360° visibility
- Expanded color options

TECHNICAL SPECIFICATION

PHYSICAL	
Height	2.0" (51mm)
Diameter	4.1" (104 mm) installed in B501 base
Weight	3.4 oz (95 g)

ELECTRICAL RATINGS

Voltage Range	15 to 32VDC peak Operating Current @ 24VDC: 200° A (one communication every 5 seconds with green LED blink on communication)
Maximum Current	4.5mA @ 24VDC (one communication every 5 seconds with red LED solid on)
Maximum Alarm Current	2mA @ 24VDC (one communication every 5 seconds with amber LED solid on)

ENVIRONMENTAL

Photo	32°F to 120°F (0°C to 50°C)
UL listed Velocity range	Photo 0 to 4,000 fpm (0 to 20 m/sec) (suitable for installation in ducts)
Humidity	10% to 93% non-condensing
Sensitivity	0.5 % /ft to 4.0 % /ft obscuration

BASES

B501-WHITE-SK	4" mounting base, white.
B200S-WH	Intelligent addressable sounder base, white.
B224BI-WH	Isolator base, white.
B300-6	6" mounting base, white.

ORDERING INFORMATION

SK-PHOTO-W.	Photoelectric smoke detector, bright white.
-------------	---

AGENCY LISTINGS AND APPROVALS

For exact certification listings for each model, please refer to the respective agency's Web site.

- UL listed
- FM approved

COMPATIBILITY

The SK-PHOTO-W. are compatible with the following Silent Knight Series FACPs:

- 6820U
- 6820UEVS
- 6808U

For a complete listing of all compliance approvals and certifications, please visit <https://buildings.honeywell.com>. Silent Knight™ is a trademark of Honeywell International, Inc. This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
For Technical Support, please call 0008000502167.

For more information,

<https://honeywellbuildings.in>

Tel: +91 124 4975000

Email: BuildingAutomation.FireIndia@Honeywell.com

Honeywell Building Automation

Unitech Trade Center, 5th Floor, Sector-43,
Block C, Sushant Lok Phase - I,
Gurgaon - 122 002, Haryana, India
<https://www.honeywellbuildings.in/>

© 2025 Honeywell International Inc.
All specifications are subject to change
without notice.

