



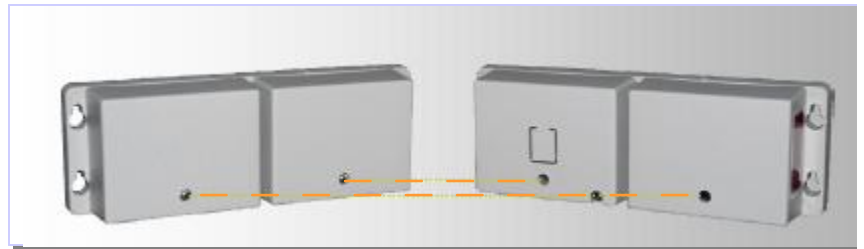
Great for All Counting Applications!



AVIDSmartSensor™ Wireless Directional IR Counter

Features

- Dual IR Beams for Directional Counting
- Battery life up to 2.5 years
- Unique serial number embedded in radio data packets
- Integrated mounting flange
- 15 ft. or 25 ft. IR transmission range
- Up to 600 Ft. radio range
- Counts beam interruptions
- CRC-16 error checked radio data packets
- 6.3" X 1.7" X 1.2" ABS enclosures
- Complies with part 15 of the FCC rules
- User replaceable batteries
- The product is ideally suited for applications where running cables is cost prohibitive or not practical. Typical applications include: shopping centers, amusement parks, retail and hotels.



Part Number: AD-2004-IRPD

AVIDSmartSensors IR Sensor is a battery operated infrared beam interruption sensor with a 418 MHz radio transmitter. The sensor consists of two parts; the IR transmitter and the IR receiver. The IR receiver has an integrated radio transmitter for truly wireless installation and operation. The IR transmitters produce 96 pulses of high intensity IR each second across a user configurable distance of 15 or 25 feet. The user can select the power mode by adjusting the internal switches on the IR transmitter. The nature of these IR pulses is such that the IR receiver can distinguish them from any other source of IR. This characteristic allows the IR sensor to operate in almost any environment without interference from ambient lighting. The "IN and "OUT" logic is built into the product making the radio transmission data very easy to interpret. All counts are totalized and stored in memory. Once every 30 seconds the totalized counts are transmitted via the integrated radio.

Contact
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**AVIDwireless®**

AVIDSmartSensors™ - Wireless IR Counter

Specifications

Parameter	Min	Typical	Max	Units
Battery Life IR Receiver	1	3	6.5	Years
Battery life IR receiver	Years	-	-	2.5
Battery life IR transmitter	Years	1.5	2.5	-
Battery type: Lithium Thionyl Chloride 3.6vdc	-	-	-	-
IR Range	Feet	.5	25	-
Radio Range	Feet	-	-	600
IR receiver pushbutton down to reset time	Seconds	-	-	3
IR receiver pushbutton down to ship mode	Seconds	-	-	8
IR transmitter pushbutton down to wake time	Seconds	-	-	2
IR transmitter pushbutton down to ship mode	Seconds	-	-	8
Enclosure 2.5" x 2.0" x 1.0: ABS Plastic	-	-	-	-



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