

## EA1441

### Inductive Proximity Door Sensor



For the security of your [data center](#), ATEN provides Inductive Proximity Door sensor probes that work in tandem with the Power Distribution Units, which allows the monitoring of a rack mounted enclosure's door access, notifying users when a door has been opened. Various conditions can be monitored with alarms according to customizable minimum/maximum settings.

\* The Sensor is an optional accessory and you can use the ATEN [PDU](#) without the door sensors. However, if you want to have complete security management of your [data center](#) with the full use of ATEN solutions, a sensor installation is required.

\*\*Support PE7/PE8/PE9 series only

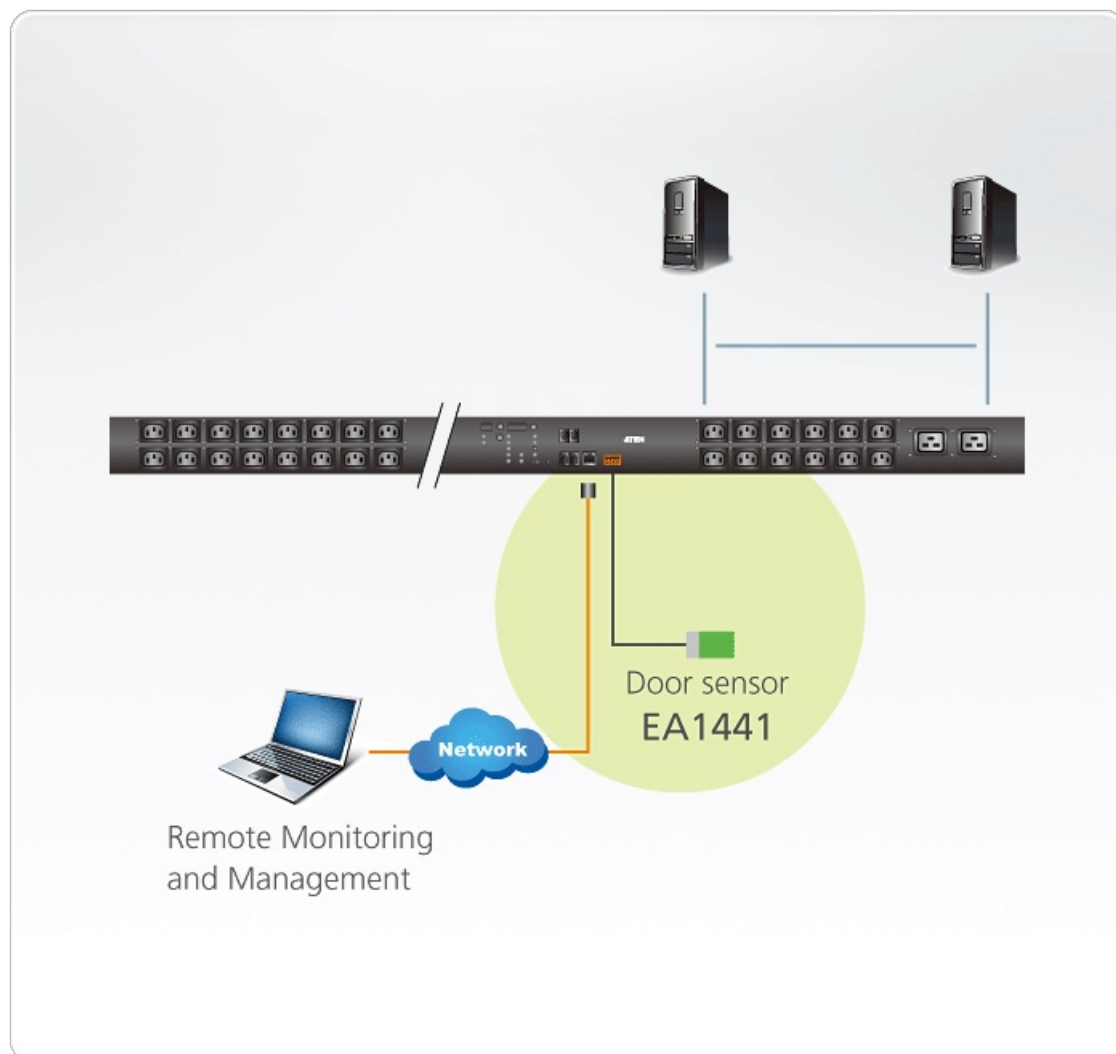
#### Features

- The Inductive Proximity Door Sensor allows the monitoring of a rack mounted enclosure's door access – notifying users when a door has been opened
- High sensitivity
- Easy operation

## Specifications

Operating voltage	10-30 VDC
Ripple of power	20% peak to peak
Current Consumption	10 mA(Max)
Sensing distance	5.0 mm
Hysteresis	10% of sensing distance max
Response frequency	800 Hz(Min)
Output method	PNP
Output current	150 mA(Max)
Residual voltage	0.1 V(max)
Leakage current	0.8 mA(Max)
Protection circuit	Short circuit & polarity reversed protection
Connection	3c/4.0
Dielectric strength	2.5 kv / 1 minute(Min)
Insulation strength	100 MΩ / 500 VDC
Environmental	
Operating Temperature	-20°C-80°C
Humidity	35%-95% RH
Protection class	IP-67

## Diagram



### **ATEN International Co., Ltd.**

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
[www.aten.com](http://www.aten.com) E-mail: [marketing@aten.com](mailto:marketing@aten.com)



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