JAV-OCS-900N
Specification Sheet
Network-Enabled Occupancy Sensor

Description

The JAV-OCS-900N is a network-enabled occupancy sensor designed to automate AV system control based on room occupancy. When the sensor detects human presence, it sends commands via IP or RS-232 to power displays on, activate lighting, or trigger other automated responses. Upon detecting an empty room, it initiates automatic shutdown sequences to conserve energy. The sensor integrates seamlessly into professional AV and building automation systems, enabling cost-effective energy management and enhanced user experience. PoE power eliminates the need for dedicated power supplies, simplifying installation in modern networked environments.

Applications

Corporate Offices

- Automated display power control and occupancy-based lighting in conference rooms.

Educational Facilities

- Classroom energy management with automatic display shutdown during unoccupied periods.

Hospitality

- Guest room automation triggering displays, lighting, and HVAC based on room occupancy.

Retail & Signage

- Digital signage activation synchronized with store traffic flow and business hours.

Key Features

- Advanced motion and presence detection sensors.
- Network-enabled control via IP/Ethernet.
- RS-232 serial control support for legacy systems.
- Configurable occupancy timeout and automation responses.

- PoE (Power over Ethernet) powered for simplified installation.
- Direct integration with display controllers and AV systems.
- Programmable command triggering for power-on and power-down sequences.
- Compact, ceiling-mount or wall-mount enclosure design.
- Energy-efficient automated shutdown to reduce operational costs.

Specifications

Sensor		
Detection Type	Motion and presence sensing	
Coverage	Configurable detection zone	
Control		
Network	IP/Ethernet via RJ45	
Serial	RS-232 (optional)	
Commands	Programmable power-on/off sequences	
Connectors		
Ethernet	1× RJ45 (10/100 Mbps)	
RS-232	1× DB9 or 3-pin phoenix (optional)	
Power		
Method	PoE (Power over Ethernet)	
Consumption	Typical 1.5W	
Environmental		
Operating Temperature	+32° to +104°F	0° to +40°C
Storage Temperature	-4° to +140°F	-20° to +60°C
Operating Humidity (RH)	10% to 90%, non-condensing	
Warranty		
Device	To view the product warranty, visit: hallresearch.com/warranty	