sensorswitch®

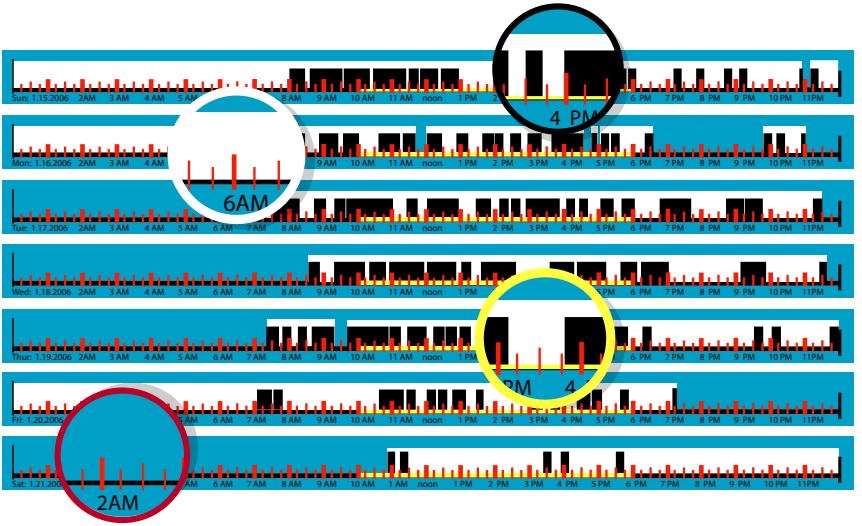
DATA LOGGER

THE DATA LOGGER MONITORING SYSTEM

Sensor Switch, the industry leader in Occupancy Sensor Products & Technology, introduces the **Data Logger Monitoring System** for modeling facility lighting and occupancy patterns. Primarily used to quantify potential energy savings from occupancy sensor projects, this powerful tool is essential for performance contractors, lighting retrofitters, and facility managers when calculating Return on Investment (ROI) and Payback estimates.

SYSTEM HIGHLIGHTS

- Data Logger units record activity of a building's lighting as well as its occupants
- Data Logger software analyzes information and generates customized reports
- Data is presented in **"Lights On vs. Occupancy"** timeline
- Customized reports quantify potential energy savings from occupancy sensor projects
- Use of system is provided to qualified customers at no charge

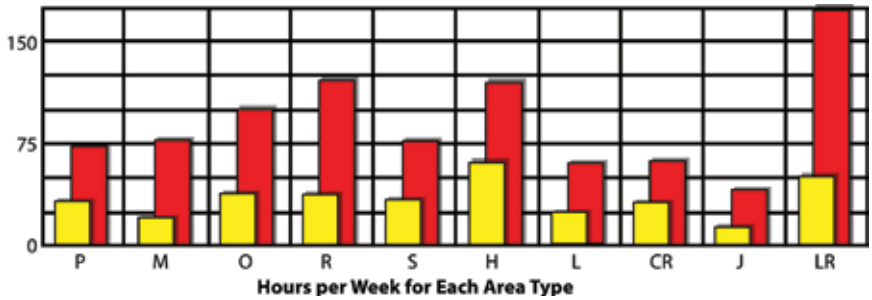


- Red lines represent time intervals
- Yellow lines represent peak billing hours
- White bars represent when the lights are On
- Black bars represent occupancy in the room

DEVICE FEATURES

While light monitors have been around for years, the Sensor Switch Data Logger surpasses all predecessors with several new easy-to-use features that assure more useful results.

- Combination occupancy sensor & light monitoring device
- Distinguishes between natural and artificial light sources
- Multiple loggers can be used together to monitor large spaces
- Installs in seconds; operation consists of a single button push
- Data points are recorded every two minutes



ENERGY SAVINGS ANALYSIS

The Data Loggers are downloaded into sophisticated software that analyzes the data and generates customized reports.

- Each Data Logger is assigned an **Area Type**
- Software averages information from Data Loggers of similar Area Types
- **"Lights On vs. Occupancy"** activity per area presented in 24 hour timelines
- Total energy usage calculated from user-entered lighting loads
- User-adjustable "virtual" occupancy sensor time delay settings
- Analysis of "**Savings vs. Time Delay Setting"** on sensors

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MADE IN U.S.A.

CUSTOMIZED REPORTS

- Savings calculated using up to **4 Time-of-Day Billing Rates**
- Total potential savings summaries presented in easy-to-read charts & graphs

Area Type Averages				Normalized Weekly Lights On					Normalized Weekly Occupied					
Area Type		Qty	Watts	Peak	Off	Shldr1	Shldr2	Total	Peak	Off	Shldr1	Shldr2	Total	% sav
Private Office	P	15	520	70.47	0.00	0.00	0.00	70.47	30.05	0.00	0.00	0.00	30.05	57.36%
Meeting Room	M	5	943	74.20	0.00	0.00	0.00	74.20	16.92	0.00	0.00	0.00	16.92	77.20%
Open Space	O	5	2611	96.30	0.00	0.00	0.00	96.30	35.58	0.00	0.00	0.00	35.58	63.05%
Restroom	R	8	306	116.88	0.00	0.00	0.00	116.88	33.95	0.00	0.00	0.00	33.95	70.95%
Storage	S	4	256	72.43	0.00	0.00	0.00	72.43	29.82	0.00	0.00	0.00	29.82	58.83%
Hallway	H	17	1165	115.16	0.00	0.00	0.00	115.16	57.65	0.00	0.00	0.00	57.65	49.94%
Lab	L	6	1807	55.83	0.00	0.00	0.00	55.83	20.16	0.00	0.00	0.00	20.16	63.89%
Classroom	CR	14	1612	58.48	0.00	0.00	0.00	58.48	28.31	0.00	0.00	0.00	28.31	51.59%
Janitor Closet	J	2	65	37.88	0.00	0.00	0.00	37.88	9.24	0.00	0.00	0.00	9.24	75.61%
Locker Rm	LR	2	1470	167.97	0.00	0.00	0.00	167.97	47.93	0.00	0.00	0.00	47.93	71.47%
Building Average		85	327	84.63			0.00	84.63	35.55			0.00	35.55	57.99%

SETTING NEW STANDARDS IN MONITORING

First we made the best Occupancy Sensors in the industry, now we've made the system to **Prove the Savings**. The features built into our monitoring system are not only unique, but a necessity when performing a thorough analysis. Occupancy sensors have been notoriously underutilized in lighting system upgrades. More times than not, turning off the lights provides the biggest bang for the buck – and we'll prove it!

To request data loggers for your next project, email Sensor Switch at datalogger@sensorswitch.com or visit our Website at www.sensorswitch.com.

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