

Casambi Ecosystem Products

Casambi Ready 0-10v Room Controller
Casambi Ready Room Controller - 160/177 Watt max dimming, 12 Watt Aux. Sensor Input Power (Maxing, USA Only)

- 100-277VAC Input Voltage
- 0-10V Output to LED Driver
- Relay with Zero-Crossing
- Active High Output for Relay Drive
- 12V aux Power

Casambi Ready Low Voltage PIR Sensor
Casambi Ready PIR Ceiling Mount Occupancy Sensor, 12-24VDC

- Quad Element PIR sensor
- LED Motion Indicator
- Active High Low outputs for Relay drive
- Mounting height up to 12ft (3.6m)
- 300° coverage pattern
- Bluetooth app-on enables remote sensor programming with greater customization and easy

Casambi Ready Daylight/Photocell Sensor
Photocell Sensor with BLE Complete output

FEATURES

- Communication Protocol - Bluetooth 3.0
- Measuring range - 0-100 ft
- Input Power - 12-24VDC, 40mA Max
- Operating Temperature - 20°C to +55°C

Casambi Ready Gateway
Gateway with Power Supply Unit

- Bluetooth app-on enables remote sensor programming with greater customization and easy
- Power over Ethernet (PoE) capable
- Operating Temperature - 20°C to +55°C
- Dimensions: 1.8" (46mm) x 1.8" (46mm) x 1.8" (46mm)

0-10v Room Controller

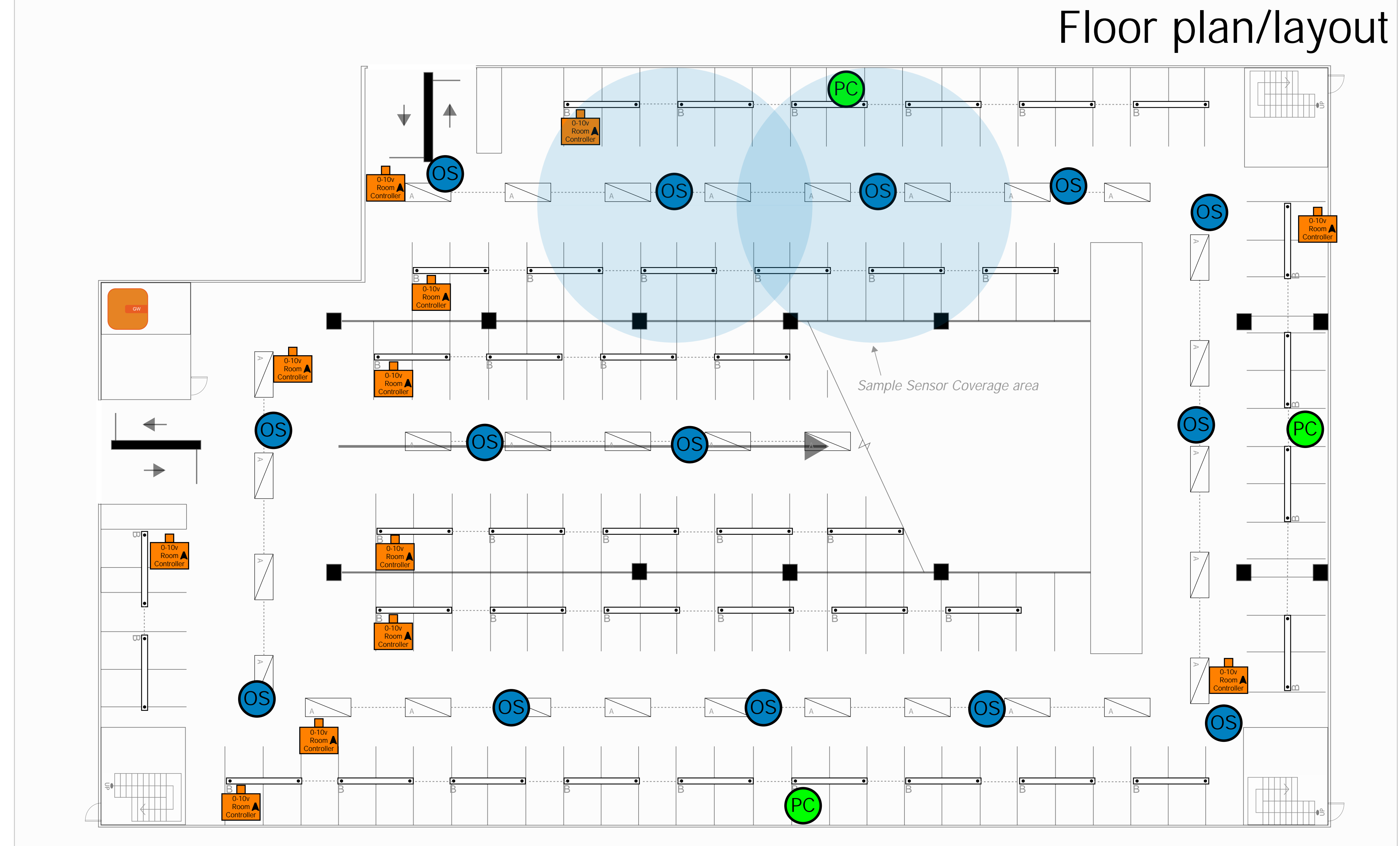
Low Voltage OCC/VCC Sensor w/ Power Supply

Daylight/Photocell Sensor

Gateway w/ Power Supply

CASAMBI
mobile application iOS/Android

See Ecosystem Catalog for product options



Code Compliance - IECC 2021

C405.2.1	Occupancy Sensor Controls
C405.2.2	Timeswitch Controls
C405.3	Light Reduction Control
C405.2.8	Parking Garage Lighting Controls

- ### Sequence of Operations Example:
1. Auto-on based on OCC Sensor
 2. Auto-off based on Occupancy
 3. Light Reduction via Timer
 4. Auto-on based on Photocell
- ### Design Considerations
1. PIR OCC/VCC Sensors based on sight, ensure there are no obstructions or architectural features in sensor path
 2. Provide Power Supplies for Sensors
 3. Design Based on Zone Controllers, see Ecosystem catalog for Fixture level options.

