

CoreSync Control System



The CoreSync Control System allows visual representation of the network backbone for easy, intuitive control of intelligent building assets such as lighting, sensors and other devices.

Features and Benefits

Energy Efficiency

- Daylight harvesting
- Occupancy control
- Time scheduling
- Local control
- Energy monitoring and reporting

Space Management & Maintenance

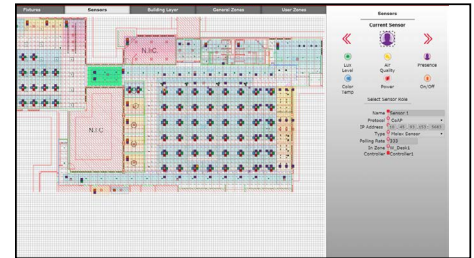
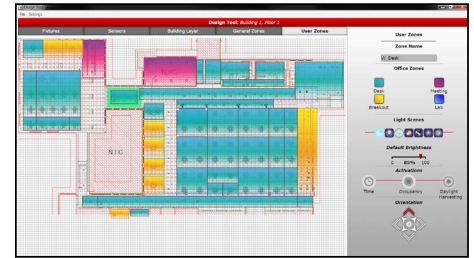
- Device status and alarms
- Digital zoning
- Advanced failure notifications
- Real-time service level adjustments
- Occupancy status and space utilization

Comfort and Productivity

- Bio-dynamic lighting
- Circadian cycles
- Mood enhancement
- Task specific scenes

Integration

- Integration with IBMS
- Local integration with other building/office systems
- Indicator/egress control
- Air quality monitoring
- Temperature and humidity monitoring



CoreSync Software Portfolio

CoreSync Software is the intelligence that

- controls and supports CoreSync network connected lighting projects from design to installation making lighting control easy and intuitive
- is built around a lighting smart core which dynamically controls lights and sensors.

Lighting projects are made simple and intuitive by means of:

- a “designer” function that allows lighting design, fixture & sensor layout, digital zoning and commissioning planning
- capabilities for field addressing of lights & sensors, creation of a lighting plan, zone verification, and testing zones, spaces and scenes
- facility management, including view of entire building, scheduling, control and monitoring of each zone and space, adjustment of light setting & sensitivity of sensors; lighting status test and diagnostics; reporting.
- a tablet-based user interface that provides responsive and intuitive lighting control, dynamic scenes selection, mood variables, local dimmer and control.

These tools provide design and testing functions as well as a fast, flexible method to deliver effective light in a fraction of time compared with traditional methods.

CoreSync Control System



CoreSync Manager Server (Optional)

The CoreSync Manager is an enterprise Network Connected Control server from Molex

Industry-standard rack-mounted form factor

Cost effective system deployment and management by using IP network for data transmission vs. proprietary systems

Allows local and remote control on a site from mid-range applications of several hundred nodes to large scale installations up to 2500 nodes

Specifications

REFERENCE INFORMATION

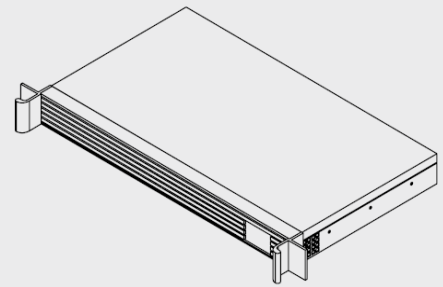
Processor: Intel Core-i7-6700 3.4GHz Quad Core

System Memory: 8GB RAM

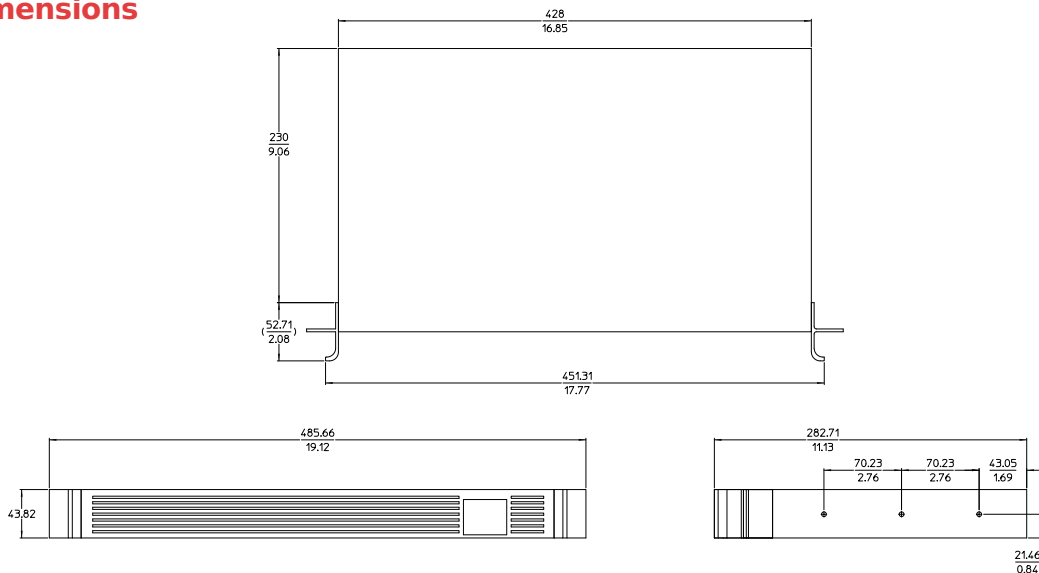
Storage: 120 GB SSD or SATA

Server Type: Windows Server 2012R

Operating System: Windows 7 and Windows 10 Professional



Server Dimensions



Ordering Information and Product Guide

Order Number	Description
180987-0001	Molex CoreSync Enterprise Lighting Control Software; Includes License for 50 Nodes/Lights
180987-0050	CoreSync Software 50 Node Add-On
180987-1001	CoreSync Software Single Node Add-On

www.CoreSync.molex.com

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