



LIGHTING AUTOMATION AND CONTROLS

The Horner suite of control products allow for easy monitoring of many lighting functions, including dimming, motion control, occupancy, and ambient light sensing, resulting in cost savings and increased site management. View and control your application on-site or from a remote location, the Horner suite is easy-to-install and easily customizable with our cost-free software platform; Cscape. Horner OCS devices offer an intelligent combination of lighting management, energy monitoring and data-logging, all with a user friendly touchscreen interface. The control devices are ready to use, and can be programmed to work with any lighting needs, housed in an all-in-one package.

CONTROL LIGHT GROUPS FROM ONE LOCATION

Horner OCS controllers provide low-cost controls with a variety of automated options. An application can be programmed to group lights into different subsets or areas, allowing for certain lights on the network to be on at specific times - reducing energy waste. One OCS device can branch out to all controllers on the network, allowing for easy, one-stop lighting control and monitoring. A multitude of unique capabilities can be configured for each separate group so the light is there when it is needed.

SCHEDULE LIGHTING ILLUMINATION TIMES

Configurable lighting system scheduling further increases the automation of the system and leads to reduced energy expenses. The system has password protection options, so only users with authorization can alter the lighting schedule. Beginning with a main lighting schedule, variations and alterations can be made to accommodate certain dates, holidays, closures, or specific customer applications. Scheduling ensures energy consumption only during operating hours and can be data logged for future analysis.

WIRELESS COMPATIBILITY

If the lighting application needs require longer distances or wireless options, the Horner OCS controller also supports unique "Mesh" wireless control. A Mesh wireless network allows for the lights to communicate between one another, not just get signal from the controller. This allows for expanded wireless networks and fail-safe features in event of power loss.

SYSTEM MONITORING

Monitoring energy usage of lights, groups, and systems overall reveals new ways to maximize cost-efficiency of a lighting system. Horner provides a complete offering of power monitoring for both post-purchase analysis and real-time energy savings. The 3-phase power monitoring handles complete building, sub metering, and equipment monitoring. Alarms can be set for specific energy use measurements to alert when reaching a set level. Also, email alerts, text messaging and web monitoring allow for off site analysis.

FEATURES/BENEFITS:

- Graphic interface for easy access
- Motion sensing - group or individual
- Data logging and power monitoring
- High-level security
- Remote capability options
- Expanded wireless network options
- Fail-safe features
- 2.2" - 22" touchscreen OCS controllers
- Wired control through CsHop
- Ambient light configurations





Acting as an intermediary communication tool between individual or groups of lights and your control panel, CSHOP is a unique wired lighting control device that allows installers to use standard Cat5/6 cable to transmit data and control power to and from lighting fixtures and sensors. The network is wired in a daisy-chain method when each device has an IN and OUT to allow the network to extend.



Beginning with the main controller and utilizing the RJ45 serial output connector, the CAT5/6 cable is then connected to the input of the first light or sensor, from their the out put will connect to the input of the next device. If a motion sensor or ambient light sensor is used, currently they should be the first and second device respectively.

