

GLPYNG System



The GLPYNG SpaceBuilder system is an ideal wireless lighting control system for small and medium sized spaces that require retrofit dimmers, switches, plug loads and thermostat control. SpaceBuilder allows you to define your space and how it works at the time of design. Use this sheet to select your options and needs for the lighting control system. The GLPYNG system is unique in that you can setup and operate it from the included iPad® and Crestron Pyng™ app for quick an easy installation and start up.

System Components

GLPYNG

The GLPYNG hub can support up to 200 wireless devices for dimming, switching, sensing, plug load and thermostat control.

Dimmers and Switches

Dimmers are available in both forward and reverse phase versions. Full 1000watt switches are available. Any combination of dimmers, switches and plug load control can be added to each GLPYNG system (maximum of 200 devices per hub).

Occupancy Sensors

Up to 4 wireless PIR (passive infrared) battery-powered occupancy sensors can be added to each GLPYNG space. Occupancy sensors are part of the total wireless device count (maximum of 200 devices per hub).

Daylight Sensors

Up to 4 wireless dual technology (using both open and closed loop technology) battery-powered daylight sensors can be added to each GLPYNG space. Daylight sensors are part of the total wireless device count (maximum of 200 devices per hub).

iPad Control

Each GLPYNG system comes with an iPad and PYNG app for set up and control. Each GLPYNG system can choose between an in-wall or desktop iPad docking station.

Options

Plug Load Control

Any GLPYNG system can be expanded to include plug load control. Plug load control devices are part of the total wireless device count (maximum of 200 devices per hub).

HVAC Integration

Any GLPYNG system can integrate with HVAC. By using an optional Crestron wireless thermostat in place of a standard thermostat, you can also control and manage your HVAC system from the iPad interface. Wireless thermostats are part of the total wireless device count (maximum of 200 devices per hub).

Networking

Any Crestron SpaceBuilder system can be networked* to provide centralized monitoring, management and master control. This includes integration BMS and reporting, alerts, maintenance and automation via Crestron Fusion®.

GLPYNG systems rely on wireless networks to operate from the wireless iPad controller. When selecting a networking option, you can choose a Crestron system with WAP included, or a system that will tie into your existing network.

*Networking requires additional equipment.

GLPYNG _____ - _____ SW- _____ DIM- _____ DELV- _____ OS- _____
 DS- _____ - _____ - _____ - _____ - _____

Date: _____ Project: _____
 Quantity: _____ Space Name: _____
 Space Number(s): _____

PACKAGE	VOLTAGE	KEYPADS		
GLPYNG	-	SW -	DIM -	DELV -
120 120V LIGHTS 277 277V LIGHTS		QUANTITY OF SW WIRELESS WALLBOX SWITCH(ES) QUANTITY OF DIM WIRELESS WALLBOX DIMMER(S) QUANTITY OF DELV WIRELESS WALLBOX ELV DIMMER(S) Maximum 200 devices per system		

WIRELESS OCCUPANCY SENSORS	WIRELESS DAYLIGHT SENSORS	APPLE IPAD MOUNTING
OS-	DS-	-
BLANK NO SENSORS 1 1 SENSOR 2 2 SENSORS 3 3 SENSORS 4 4 SENSORS	BLANK NO SENSORS 1 1 SENSOR 2 2 SENSORS 3 3 SENSORS 4 4 SENSORS	TT TABLE TOP DOCKING STATION WALL WALL DOCKING STATION

WIRELESS THERMOSTAT	INTERFACE COLOR	ACCESS POINT
-	-	-
BLANK NO TSTAT TSTAT TSTAT	BLANK WHITE BLK BLACK	BLANK CUSTOMER SUPPLIED WAP/SWITCH WAP CRESTRON SUPPLIED WAP/SWITCH

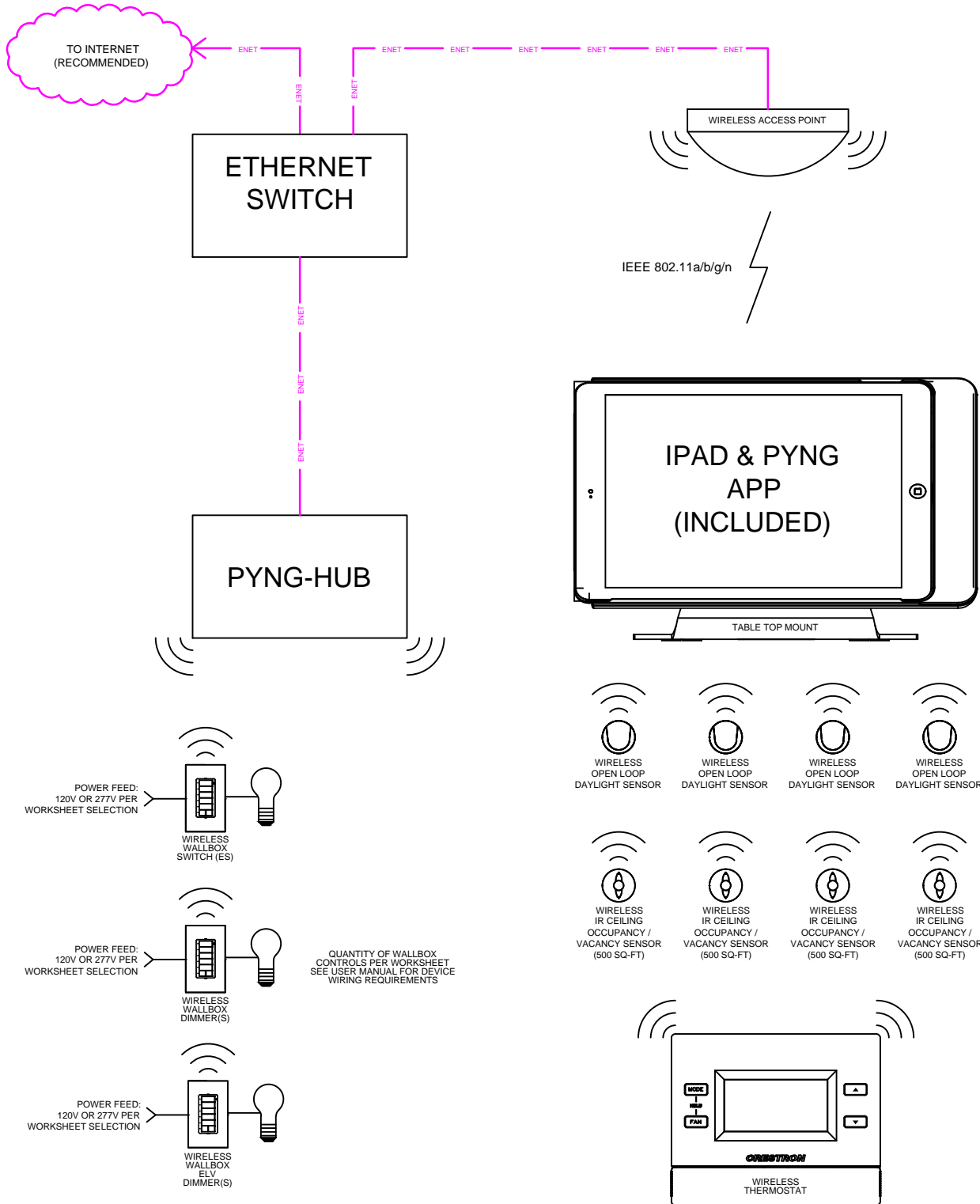
NETWORKING	120V PLUG LOAD CONTROL
-	-
BLANK STAND-ALONE SPACE NET NETWORKED SPACE	BLANK NO PLUG LOAD CONTROL QTY SW SWITCHED RECEPTACLES QTY LSW WIRELESS LAMP SWITCH(ES) QTY LDIM WIRELESS LAMP DIMMER(S)

Example: GLPYNG120-0SW-0DIM-2DELV-1OS-1DS-WALL-TSTAT-WNET

GLPYNG _____ - _____ SW- _____ DIM- _____ DELV- _____ OS- _____
 DS- _____ - _____ - _____ - _____ - _____

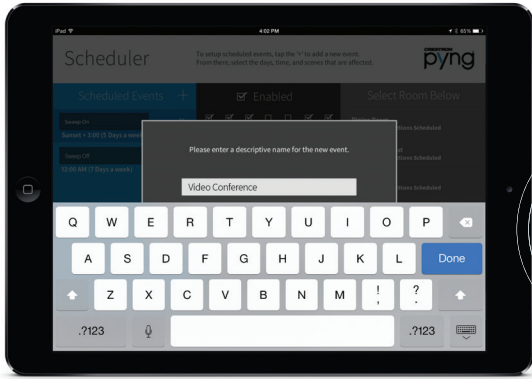
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GLPYNG SpaceBuilder Schematic Riser



GLPYNG _____ - _____ SW- _____ DIM- _____ DELV- _____ OS- _____
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GLPYNG App

No Laptop Required

Setup takes just a few easy steps right from the iPad. Control is just as easy from the same app. The whole space is automated in minutes, providing comfort, convenience, and security, without ever opening a laptop.

The GLPYNG system connects accessories with the app, and runs scenes and events even without the presence of an iPad. Settings are backed up to the cloud, so making changes is easy and secure.



Complete and Easy Startup



Build your space

Define the space you wish to configure. Use the options listed on the scrolling menu or define new spaces.



Pair devices

GLPYNG automatically pairs with accessories in the system. Simply assign each device to the space in which it's installed.



Set up scenes

Create lighting and shade levels within the app. Customize system and schedule events - Create scenes for keypad buttons and set system events, such as a daily thermostat schedule, or turning on lighting scenes at sunset.



Customize system and schedule events

Create scenes for keypad buttons and set system events, such as a daily thermostat schedule, or turning on lighting scenes at sunset.

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GLPYNG Specifications

ENVIRONMENTAL

Temperature:

41° to 113°F (5° to 45°C)

Humidity:

10% to 90% RH (non-condensing)

Heat Dissipation:

26 BTU/Hr

CONSTRUCTION

Enclosure:

IFE small form factor, white and blue plastic

Mounting:

Freestanding, stackable, surface mount, or 35 mm DIN EN 60715 rail mount; occupies 8 DIN module spaces (144 mm); surface/DIN rail mounting bracket included, optional rack mount kit sold separately

DIMENSIONS

Height:

1.35 in (35 mm); 1.77 in (45 mm) with bracket

Width:

5.04 in (128 mm); 5.36 in (137 mm) with bracket

Depth:

5.10 in (130 mm)

WEIGHT

11.20 oz (318 g)

STANDARDS & CERTIFICATIONS

UL Listed, CE



Products in this system can include:

- GLS-OIR-CSM-EX-BATT: Wireless Battery-Powered Occupancy Sensor, PIR
- GLG-LDL-EX-BATT: Wireless Battery-Powered Daylight Sensor, Dual-Loop
- CLW-SWEX: Wireless In-Wall Switch (600VA)
- CLW-DIMEX: Wireless In-Wall Dimmer (750VA)
- CLW-LDIMEX: Wireless Lamp Dimmer (600VA)
- CLW-LSWEX: Wireless Plug Load Switch (600VA)
- CLW-DELVEX: Wireless In-Wall ELV Dimmer (500VA)
- CHV-TSTATEX: Wireless Thermostat
- IDOC-PAD-LCA-DSWC/DSC: Wall or Table Doc for iPad Air[®]

For technical specifications on all other products in this system, please visit www.crestronlighting.com

For more information or to access digital specification forms for all Crestron SpaceBuilder systems, visit www.crestronspacebuilder.com or call 855-644-7643

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