NETSWITCH INSTALLATION EXAMPLES

NETSWITCH NETWORKS

- HUB Gateways
 - Lower Cost
 - Confined space
 - Simple installation/deployment
 - Direct AC/DC switching @277VAC 15 amps
- MESH Gateways
 - Span large distances
 - Scalable deployment
 - Master/Slave (up to 128 slaves per network)
 - Low cost slave direct AC/DC switching @277VAC 15 amps

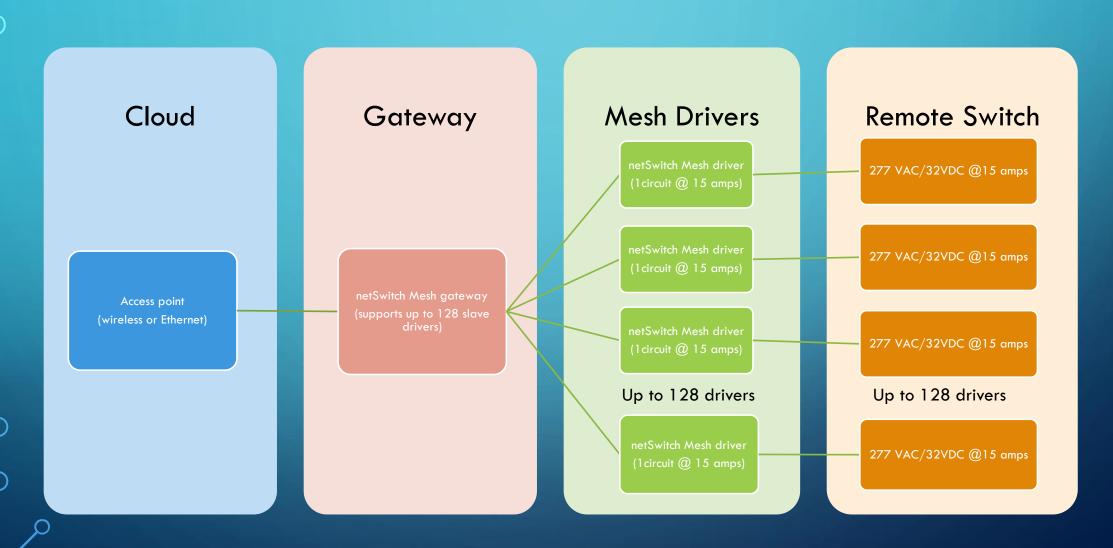
NETSWITCH MESH GATEWAY

- Central wireless gateway controller
 - Interface to local internet access point via Wireless or Ethernet
 - Links up to 128 separate wireless driver modules
 - Embedded Web page interface for local switch control
- Distributed remote switching
 - Self-healing network (continues to operate if node is off-line)
 - Spans very large distances (up to 100 miles)
 - 277 VAC @ 15 amp relay
 - Off-line detection
 - Amp sensor in each driver reports back to central gateway



WIRELESS MESH NETWORK Mesh Wireless Mesh Wireless Driver (range to Driver (range to 4000 ft) 4000 ft) netSwitch Mesh Wireless Mesh Wireless Driver (range to 4000 ft) 4000 ft) wireless Mesh Wireless Mesh Wireless Driver (range to Driver (range to 4000 ft) mesh 4000 ft) Mesh Wireless Mesh Wireless gateway Driver (range to Driver (range to 4000 ft) 4000 ft) Mesh Wireless Mesh Wireless Driver (range to Driver (range to 4000 ft) 4000 ft)

NETDIMMER MESH GATEWAY



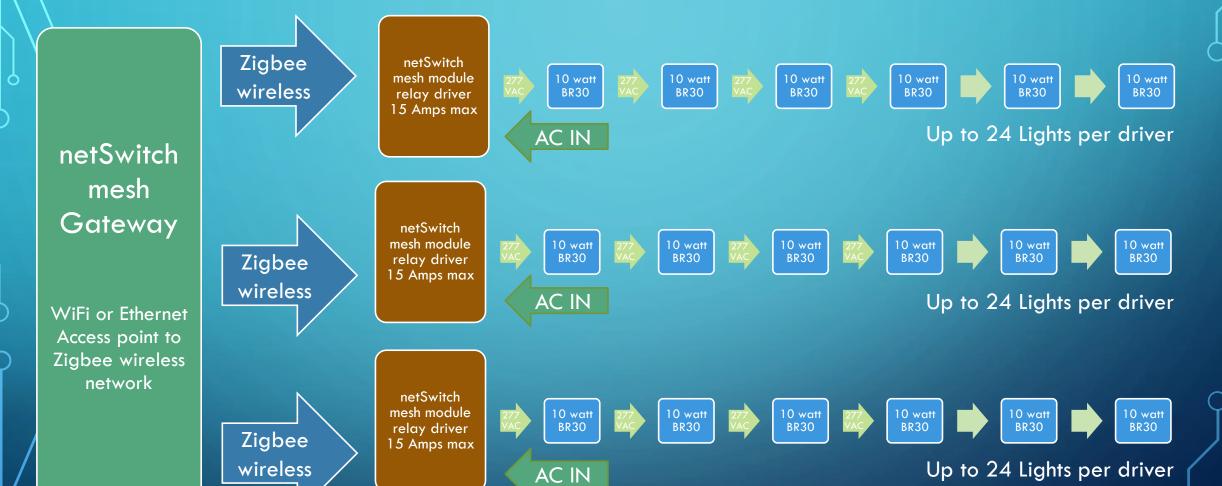
NETSWITCH - WIRELESS RELAY DRIVERS (HIGHBAY)

netSwitch mesh Zigbee 150 watt 150 watt 150 watt 150 watt module highbay highbay highbay highbay wireless Relay driver 15 Amps Up to 8 Lights per driver max AC IN netSwitch mesh Gateway netSwitch mesh 150 watt 150 watt 150 watt 150 watt Zigbee module highbay highbay highbay highbay Relay driver wireless 15 Amps WiFi or Ethernet max AC IN Up to 8 Lights per driver Access point to Zigbee wireless network netSwitch mesh 150 watt 150 watt 150 watt 150 watt Zigbee module highbay highbay highbay highbay Relay driver wireless 15 Amps max AC IN

Up to 128 mesh modules per gateway

Up to 8 Lights per driver

NETSWITCH - WIRELESS RELAY DRIVERS (BR30)



Up to 128 mesh modules per gateway

NETSWITCH - HUB NETWORK

- Self contained 4 channel driver
 - Up to 15 amps per channel
 - Integrated relays
 - Up to 24 lights per channel (depends on wattage)
 - Current sensor option
- Built-in embedded Web server
 - Control LED lights from any browser
- Links to local internet access point
 - Wireless (802.11 b/g)
 - Ethernet 10/100
- Cloud base control
 - Scheduled light activation
 - Remote monitoring



NETSWITCH - HUB NETWORK

netSwitch HUB gateway





Light Control and monitoring Interface



Internet access point

netSwitch HUB gateway





NETSWITCH HUB GATEWAY

Cloud

Access point (wireless or Ethernet)

Gateways

netSwitch HUB
(4 separate circuits)

Up to 32 Hubs

netSwitch HUB
(4 separate circuits)

LED Lights

150 watt LED (1-8)

Up to 4 circuits

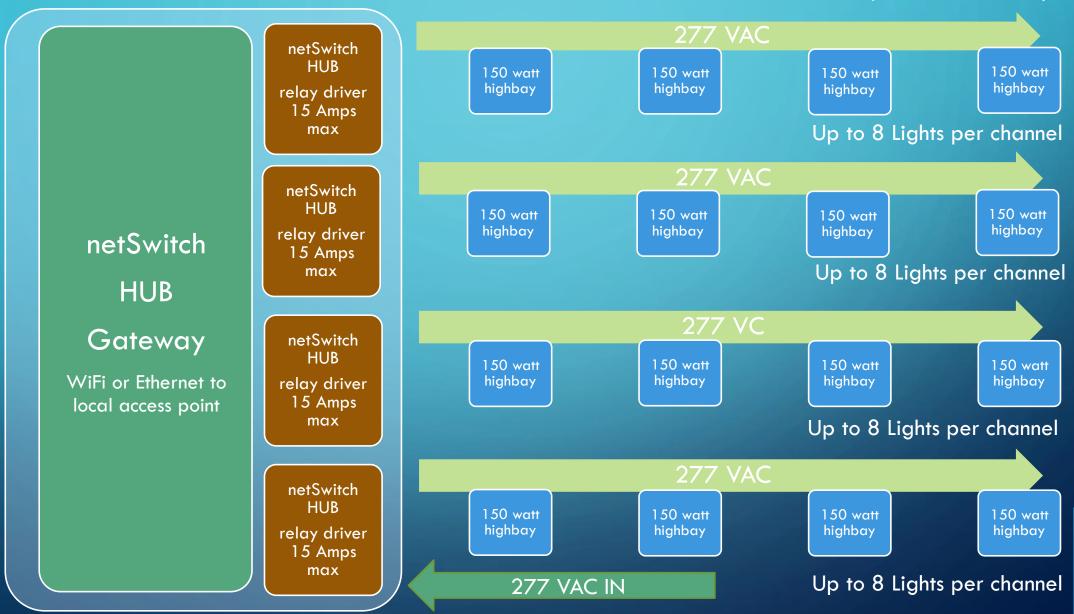
10 watt LED (1-24)

150 watt LED (1-8)

Up to 4 circuits

10 watt LED (1-24)

NETSWITCH - 4 CHANNEL HUB SWITCH DRIVERS (HIGHBAY)



NETSWITCH - 4 CHANNEL HUB RELAY DRIVERS (BR30)

