



Standalone commercial lighting control system with intuitive 6-inch PoE touchscreen for scene selection and DMX fixture control. The touchscreen mounts flush in any standard US gang box and communicates wirelessly with the gateway. Outputs one full DMX512-A universe with up to 10 configurable scenes. Browser-based Wi-Fi setup requires no proprietary software.

KEY FEATURES

- ✓ 6-inch capacitive touchscreen for intuitive scene selection and control
- ✓ PoE-powered touchscreen — single cable for power and data
- ✓ Outputs one full DMX512-A universe (up to 512 channels)
- ✓ 10 user-defined scene presets with adjustable fade rates
- ✓ Optional grand master scene intensity control
- ✓ Touchscreen mounts flush in standard US gang box
- ✓ Embedded Wi-Fi with captive portal for gateway configuration — no internet required
- ✓ Factory reset, backup/restore, and test output functions on gateway
- ✓ Includes PoE switch for powering touchscreen from gateway enclosure
- ✓ DIN rail enclosure with labeled terminal blocks for easy installation

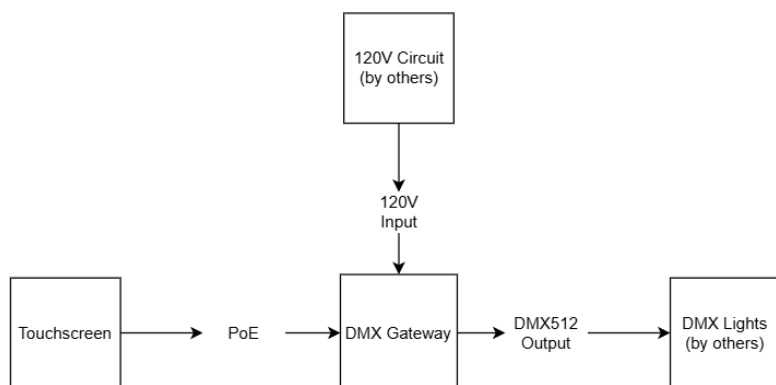
SPECIFICATIONS

DMX Output	1x DMX512-A universe, screw terminals	Indicators	Power/status & input signal LEDs
Max Scenes	10	Input Voltage (Power)	120 VAC (±10%)
Fade Rate	Adjustable per scene	PoE Output	IEEE 802.3at for touchscreen
Config Interface	Wireless via web browser	Mounting	Surface mount via through holes in rear of panel
Authentication	Unique default password, forced change	Operating Temp	0°C to +50°C
Backup/Restore	Download/upload config file	Input Protection	ESD & analog filtering
Test Functions	"All on" & "All off" DMX test buttons	Gateway Dimensions	16 x 16 x 6 in (406 x 406 x 152mm)

TOUCHSCREEN CONTROLLER SPECIFICATIONS

Model	GTWY-DMXSCN-TS6-POE
Display	6-inch LED backlight, 720×1280 resolution
Touch Panel	G+G multi-touch capacitive, 5-point
Brightness	300 nits
Power	PoE (IEEE 802.3at) — powered from gateway enclosure
WiFi	802.11 a/b/g/n/ac, 2.4GHz and 5GHz
Bluetooth	V4.0
Audio	1 x 2W speaker, 2x microphone
Interfaces	RJ-45 (PoE), USB Type-C, RS-485
Mounting	Wall mount flush, standard US gang box
Dimensions	145.7 x 84 x 38mm (5.7 x 3.3 x 1.5 in)
Operating Temp	-5°C to +60°C
Certifications	CE, FCC, UL

SYSTEM ARCHITECTURE



Notes

- Touchscreen connects to gateway via PoE switch (included)
- Single Cat5e/Cat6 cable from gateway to touchscreen location
- Gateway requires 120VAC circuit (by others)
- DMX512 output connects to DMX lighting fixtures (by others)
- Touchscreen communicates wirelessly with gateway for scene control
- Maximum cable length: 100m from PoE switch to touchscreen

MOUNTING

Gateway enclosure mounts to wall using integral mounting flanges on enclosure corners. Provide 120VAC circuit to gateway location. Route Cat5e/Cat6 cable from gateway PoE switch to touchscreen location. Touchscreen mounts flush in standard US single-gang box. Position gateway enclosure with cable knockouts facing downward when possible.

ORDERING INFORMATION

Part Number	Description
GTWY-DMXSCN-TSPOE-DMX1U-120V	DMX Scene Gateway with 6" PoE Touchscreen, 1 Universe, 120VAC
GTWY-DMXSCN-TS6-POE	6" PoE Touchscreen Controller (included with gateway, also available separately)



Nuvospec
 www.nuvospec.com
 sales@nuvospec.com
 (512) 615-9006