

DIN-rail mount protocol gateway converting 0-10V dimming signals to DALI-2 digital commands. Available in 1-zone and 2-zone configurations for controlling DALI-2 luminaires from 0-10V dimmers or building automation systems. Includes integrated DALI-2 power supply. Mounts in a NEMA 1 enclosure on 120V AC power.

KEY FEATURES

- ✓ 0-10V to DALI-2 protocol translation
- ✓ 1 or 2 independent dimming zones
- ✓ Integrated DALI-2 bus power supply, 200mA
- ✓ NEMA 1 steel enclosure, ANSI 61 gray
- ✓ 120V AC input power
- ✓ 35mm DIN rail mount
- ✓ Up to 64 DALI devices per zone
- ✓ Compatible with ILC LightSync and Cooper Lighting systems

SPECIFICATIONS

Input Protocol	0-10V (IEC 60929)	Mounting	35mm DIN rail
Output Protocol	DALI-2 (IEC 62386)	Wire Range	26-10 AWG
Zones	1 or 2 (model dependent)	Operating Temp	-13°F to 131°F (-25°C to 55°C)
Max DALI Load	64 devices per bus	Humidity	5-95% RH, non-condensing
DALI Bus Supply	200mA, 16V DC	Dimensions (1-Zone)	6 x 6 x 6 in (H x W x D)
Input Voltage	120V AC, 50/60 Hz	Dimensions (2-Zone)	16 x 16 x 6 in (H x W x D)
Standby Power	<2W	Certifications	UL 508A listed
Enclosure	NEMA 1, carbon steel	Warranty	3 years

MOUNTING

Mount on standard 35mm DIN rail inside a NEMA 1 enclosure or panel. Connect 0-10V dimmer or BAS output to input terminals. Wire DALI-2 luminaires to output terminals using standard DALI cabling (polarity insensitive). Use 14-18 AWG stranded wire for field connections. Do not exceed 200mA total DALI bus current. Follow local electrical codes and use UL-listed wire.

ORDERING INFORMATION

Part Number	Description
GTWY-0-10V-DALI2-1ZONE-NEMA1-120V	Gateway, 0-10V Input, 1 Zone, DALI-2 Output, NEMA 1, 120V, 6x6x6 in Enclosure
GTWY-ILCBUS-2ZONE-DALI2-NEMA1-120V-L2	Gateway, ILC Bus Input, 2 Zones, DALI-2 Output, NEMA 1, 120V, 16x16x6 in Enclosure, Lunatone 2-Channel Converter
GTWY-ILCBUS-2ZONE-DALI2-NEMA1-120V-L1	Gateway, ILC Bus Input, 2 Zones, DALI-2 Output, NEMA 1, 120V, 16x16x6 in Enclosure, 2x Lunatone 1-Channel Converter
GTWY-ILCBUS-1ZONE-DALI2-NEMA1-120V	Gateway, ILC Bus Input, 1 Zone, DALI-2 Output, NEMA 1, 120V, 16x16x6 in Enclosure, Lunatone 2-Channel Converter