

## KNX-DMX GATEWAY



<b>Product Code</b>	ITR831-0001
<b>Power Supply</b>	EIB Power Supply
<b>Current Consumption</b>	< 15 mA
<b>Inputs</b>	2x Dry Contact Inputs
<b>Type of Protection</b>	IP 20
<b>Temperature Range</b>	Operation (-5°C...45°C) Storage (-20°C...60°C)
<b>Maximum Air Humidity</b>	< 90 RH
<b>Flammability</b>	Non-flammable Product
<b>Color</b>	Light Grey and White
<b>Dimensions</b>	72 x 90 x 66 mm (H x W x D)
<b>Certification</b>	KNX Certified
<b>Configuration</b>	Configuration with ETS

### DESCRIPTION

ITR831-0001 KNX-DMX Gateway module supports two-way control, and can record, play and delete DMX programs. With recording time up to 4 hours, KNX-DMX Gateway can be widely used to control devices with built-in DMX protocol port for LED color control, such as computer light, moving head light, laser light, etc.

### FUNCTIONS

- 3 working modes: DMX recorder mode, DMX dimming mode (EIB to DMX) and DMX to EIB conversion mode (1bit, 1byte data point)
- Supported communication signal: DMX512-1990, ArtNet DMX
- Store and playback up to 24 programs, maximum recording time: 4 hours
- DMX recorder mode supports switching and dimming up to 48 channels, which means controlling DMX device via KNX system.
- DMX to EIB conversion mode supports switching and absolute dimming via DMX signal for up to 48 channels, which means controlling KNX system via DMX storage control function.
- DMX output signal can be used to control devices with built-in DMX protocol port for LED color control, such as computer light, moving head light, laser light, etc.
- DMX input control functions for KNX system include: Sequence control, Scene control, Switch control, Relative dimming, Absolute dimming.

### IMPORTANT NOTES

- Installation - Mount the device on a DIN rail of Distribution box.
- Programming - This device is designed for professional KNX installation. It can only be programmed by ETS software.
- Don't connect KNX DC power to other load channels before KNX Bus installation and wiring.
- Auxiliary power supply - An additional DC 24 V power supply should be connected for DMX interface of the module.
- Do not get AC 240 V voltage into Bus wire, it will damage all of devices in system.

### LAYOUTS AND WIRING DIAGRAM

