

## ITR900-5120 - KNX-DMX GATEWAY

Device	ITR900-5120
Power Supply	EIB Power supply
Power Consumption	< 15 mA
Inputs	2x Dry contact inputs
Type of Protection	IP 20
Temperature Range	Operation (-5°C...45°C) Storage (-20°C...60°C)
Maximum Air Humidity	< 90 RH
Flammability	Non-flammable product
Color	Light grey and white
Dimensions	72×90×66mm ( )
Certification	KNX Certified
Configuration	Configuration with ETS

### DESCRIPTION

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 - Distribution box
- Programming - This device is standard KNX system device and 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 24V power supply should be connected to DMX interface of the module.

### LAYOUTS AND WIRING DIAGRAM

