

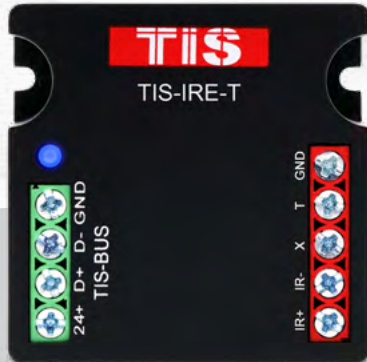


TIS INFRARED MODULE

IR Emitter with Temperature Sensor

Data Sheet Rev 3.2

Model: TIS-IRE-T



OVERVIEW

This product is an infrared emitting module designed to enhance control via TIS handheld remote control, temperature adjustment, and energy efficiency across different types of residential and working spaces.

KEY BENEFITS

- + Compatibility with other TIS solutions
- + Smoother control over appliances
- + Improved indoor climate & safety
- + Ideal for residential, work & healthcare facilities

KEY FEATURES

- ★ A predefined library of 100 IR codes
- ★ Compatibility with all universal brands
- ★ Simple & over-USB upgrade
- ★ Efficient size, applicable everywhere



TIS INFRARED MODULE















IR Emitter with Temperature Sensor

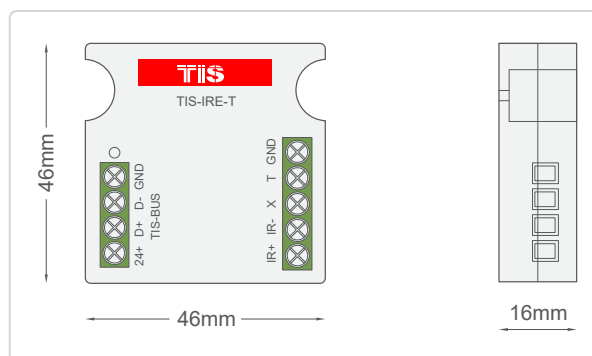
Model: TIS-IRE-T

TIS



PRODUCT SPECIFICATIONS

	Input	Current Sensor	Maximum 2 Amps.
		Input Type	Digital input. Open / Close
	Output	IR Emitter peak wave length	
		Radiated emission power (e)	
		Length of connected wire	
	TIS Bus	Number of devices on 1 line	Max. 64
		Bus voltage	12-32 V DC
		Current consumption	<15 mA / 24 V DC
	Protection	Bus connection	Reverse polarity protection
		IR Emitter	Reverse polarity protection
	Reaction time		approx. 20ms
	Mounting	Anywhere	by two screws
	Connection terminal	Data / bus	Screw terminal 0.25...2.5mm ²
	Operation	Programming button/LED	For assignment of the physical address
		By TIS bus	TIS Protocol messages and commands
		Upgrading	1 x mini USB for upgrade
	Functions	IR Codes	Can save up to 250 codes
		Current sensor	Determining if logic is ON/OFF
	Weight	Without packaging	100g
	Dimensions	Width x length x height	46mm x 46mm x 16mm
	Housing	Materials	Fireproof ABS
		Casing color	Black
		IP Rating	IP 20
	Temperature range	Operation	-10...50°C
		Storage	-20...50°C
		Transport	-25...75°C
	Air humidity		<85% non-condensing



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All of the specification are subject to change without notice.

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