



TIS WI-FI INFRARED EMITTER

IR Emitter with Temperature Sensor

Data Sheet Rev 3.2

Model: AIR-1IRE-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
- Smooth Wi-Fi connectivity
- Convenient control over appliances
- Maximum energy efficiency

KEY FEATURES

- ★ Compatibility with all universal brands
- ★ Programmable for scenes & presets
- ★ Efficiency in installation time & cabling
- ★ Controllable via TIS App



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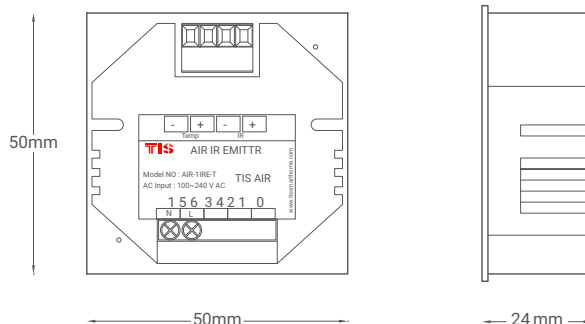
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PRODUCT SPECIFICATIONS

	Power Supply	Input voltage	80-240 VAC 50/60 Hz
		Output power	3W / 12V
		Protection	Internal protection fuse
		Current consumption	10-30 mA / 12 V DC
	Output	IR emitter peak wave length	940 nm
		Radiated emission power (Φ_e)	2,4 mW
		Length of connected wire	< 5 meters
	TIS AIR	Wi-Fi signal	2.4 GHz
		Protocol standard	802.11 b/g/n
	Protection	IR emitter	Reverse polarity protection
	Reaction time		approx. 30ms
	Mounting	Din rail	Standard 35mm din rail
	Connection terminal	Power	Screw terminal 0,25...2mm ²
		Infrared	4 Female pin connectors
	Operation	Programming button	For connecting to Wi-Fi router
		Indicator LED	Blue & red LED
		Upgrading	Over Wi-Fi connection
	Functions	IR codes	Can save up to 250 codes
	Weight	Without packaging	10g
	Dimensions	(Width x Length x Height)	24mm x 50mm x 50mm
	Housing	Materials	Fireproof PC
		Internal parts color	White
		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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