



TIS WI-FI INFRARED EMITTER

IR Emitter with Temperature Sensor & 2 Inputs

Data Sheet Rev 3.2

Model: AIR-2IRE-2ZT



OVERVIEW

This product is an infrared emitting module designed to enhance control via TIS handheld remote control, temperature adjustment, smart navigation among home theater devices 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
- + High-temperature alert notification
- + Integratable with TIS IR learner

KEY FEATURES

- ★ Compatibility with all universal brands
- ★ Equipped with 2 dry inputs
- ★ Database with more than 1000 IR codes
- ★ Programmable for scenes & presets
- ★ Controllable via TIS App



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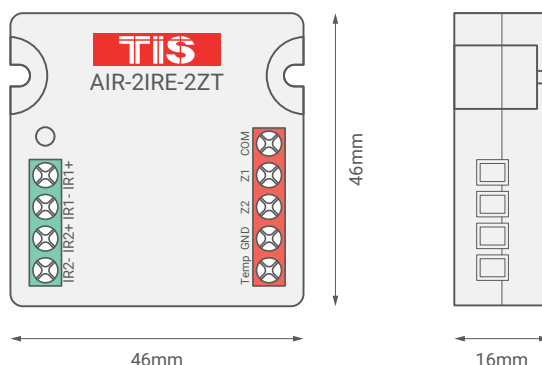
Model: AIR-2IRE-2ZT

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PRODUCT SPECIFICATIONS

	Input	Voltage	5 Volt DC (using USB charger)
		Temperature	Temperature sensor
		Digital inputs	2xDigital inputs
	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	Free locate	Can be installed anywhere
	Connection terminal		Screw terminal 0,25...2mm ²
	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)	16mm x 46mm x 46mm
	Housing	Materials	Fireproof PC
		Internal parts 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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