



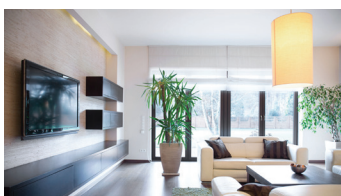
RTI-IEX-IR

Intelligent Ethernet eXpansion for IR

Intelligent Ethernet Expansion with four infrared ports for control, the IEX-IR extends control directly from the processor. Flexible, adaptable, compact, and versatile, the IEX-IR solves the solution of control exactly where you need it. An additional benefit is it is very easy to configure and program as the ports become addressable from the processor as IR connections.



MARKETS



RESIDENTIAL

Using its small compact size this adaptable unit can be placed conveniently behind a TV for local IR control of various media devices. For larger homes it provides an easy way to expand a powerful RTI control processor into all rooms without the need for an additional processor, all while making the programming easier for the integrator.



HOSPITALITY & RETAIL

For bars, restaurants, and retail shops, location for control is not always suitable or cost effective to add a control processor to every area. The IEX-IR allows for local control wherever it is needed with easy configuration and programming being an expansion device to the processor.



ENTERPRISE MARKET

In the workplace, devices are often difficult to reach or not suitable for a control processor in every area. The IEX-IR allows for local control wherever it is needed with easy configuration and programming being an expansion device to the processor.



EDUCATION

With classrooms and education, devices are either difficult to get to or not suitable or cost effective to add a control processor to every area. The IEX-IR allows for local control wherever it is needed with easy configuration and programming being an expansion device to the processor.



HOUSES OF WORSHIP

For houses of worship, devices are usually spread over long distances and just require simple cost-effective control such as with infrared signals. The IEX-IR allows for local control wherever it is needed with easy configuration and programming being an expansion device to the processor.



INTELLIGENT ACCESSORIES

RTI-IEX-IR

Intelligent Ethernet eXpansion for IR

SPECIFICATIONS

PROCESSOR ENGINE

Processor IC	Rockchip RK3506G2
Flash Memory	256Mb

COMMUNICATION

Ethernet	RJ45: 1Gb PoE
USB-C	Programming port
Display	0.91" OLED

INPUTS/OUTPUTS

Infrared	4 ports (3.5mm mono connectors)
Frequency Range	15kHz - 56kHz
IR Output Drive	100mA maximum (per port, adjustable)

MECHANICAL

Enclosure	Formed steel, black powder coating
-----------	------------------------------------

ENVIRONMENTAL

Operating Temperature	23 to 125°F (-5 to 51°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Humidity	5-90% RH (No Condensation)
Cooling	Air vents

POWER

Max Power Consumption	24W (12V 2A)
Power Supply Unit	Input: AC 100-240V~ 50/60HZ Output: DC 12V 2A

DIMENSIONS

Mounting	Surface mount, Vesa, WattBox
Dimensions (Unit only Width/Depth/Height)	mm: 104.00 x 200.00 x 20.00 in: 7.88 x 4.05 x 0.79
Dimensions (Packaged Width/Depth/Height)	mm: 267.00 x 150.00 x 70.00 in: 10.51 x 5.91 x 2.76
Weight (Unit)	0.45kg / 1lb
Weight (Packaged)	0.90kg / 2lb
Regulatory	FCC, CE, RCM
Product Warranty	3 years

Specifications subject to change without notice. Mass & dimensions are approximate

KEY FEATURES

LOCAL CONTROL WHERE YOU NEED IT:

IR control in the most difficult to reach areas delivered remotely from the processor

EASY CONFIGURATION AND SETUP:

All settings are available to preplan through Integration Designer or live through the web page

COMPACT DESIGN:

Small enough to fit behind the TV, beside AV equipment, or in any location needed

ONE CABLE CONNECTION FOR POWER AND COMMUNICATION:

Just one ethernet cable takes care of power, communication, and control making installation really simple

BUILT IN DIAGNOSTICS:

A digital display for all the important details local to the device instead of tracing back to the main control

