

Network Control - Large



- ERI-1RU



- ERI-62

The Ethernet to RS232 and Infra-red Unit connects to Embedded Server via Ethernet to create a real-world control device.

Connect as many Ethernet to RS232 and Infra-red Units on the Automation Network as the project requires.

Product Highlights

- Control RS232 and Infra-red devices via Ethernet connection to Embedded Server
- 2x bi-directional RS232 ports
- 6x independent infra-red ports with status
- 3x voltage-free contact outputs
- Create virtual remote control devices in Embedded Interface
- Optional 19" rack mount unit for easy installation and integration
- Reliable Infra-red and bi-directional RS232 in remote zones
- Eliminate legacy repeater/reticulation systems

Features and Benefits

Initial configuration for RS232 port settings via an on-board web-page

Quickly and easily set up virtual remote controls for each device on the Automation Network

Add virtual remote controls to relative rooms in floor plans mode, call buttons in macros, integrate into logic, hide devices or call particular devices related to a scenario

Integrate to external control devices such as RS232 remote controls or lighting control system keypads

Each output port on the network attains a unique address - control duplicate devices independently of each other

Connect to legacy IR repeater systems for distribution across the project

Infra-red Learner captures codes into the Switch Builder

Cut and paste IR codes from your existing library directly into the Switch Builder

Save a configured device, complete with either infra-red or RS232 codes and settings to USB or the internet for future use by your integration team

Only program once per brand/model for each device

Requires only 1x network cable wired back to a router/modem with connection to Embedded Server

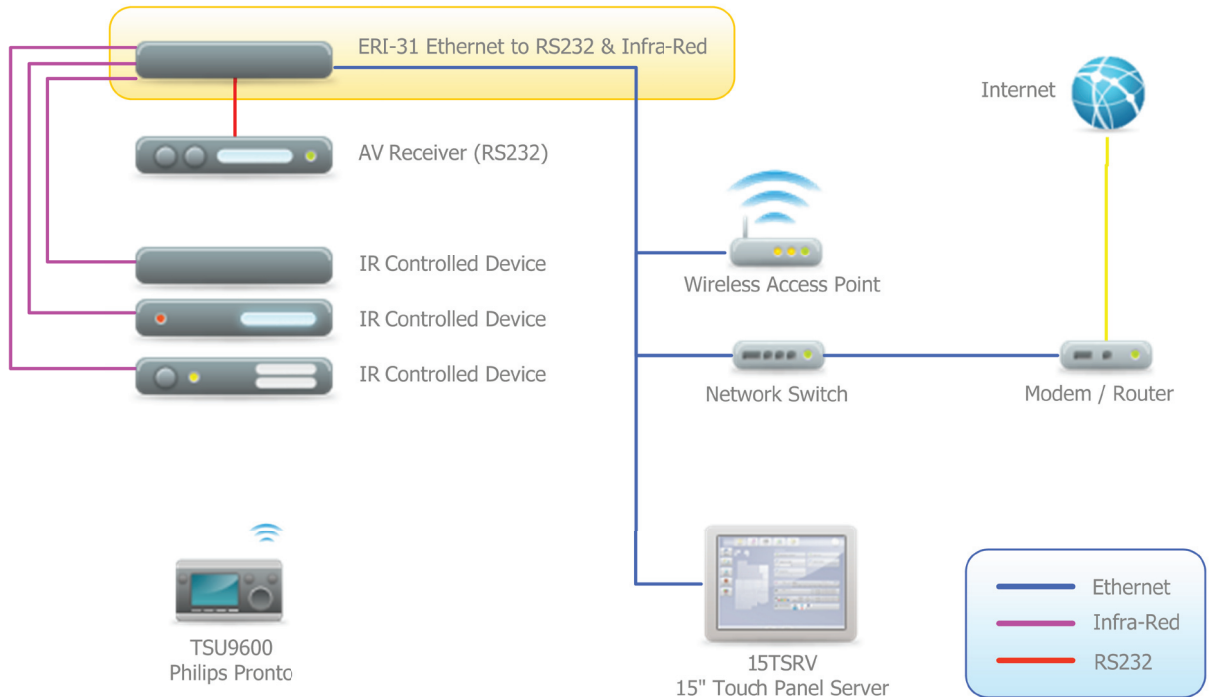
Modules and Drivers

Included:

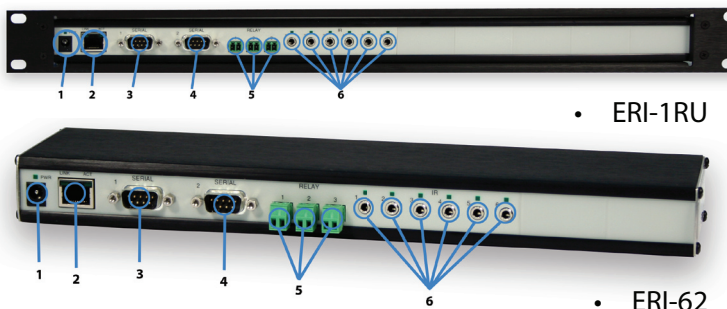
1x Network Control Driver (DRV-ERI)

Schematic

ERI-1RU / ERI-62



Specifications



- 1 = 9-18 VDC @300mA Power
- 2 = 10Mbit Ethernet RJ45 port
- 3 = RS232 male D9 port up to 19.2Kbaud bidirectional hardware flow control
- 4 = RS232 male D9 port up to 19.2Kbaud bidirectional hardware flow control
- 5 = Relay Screw terminal plug, 24V AC/DC@.5A N.O. contact with transient voltage suppression
- 6 = Infra-red 3.5mm ports 1-6 (discrete) independent user selectable IR outputs or sensor inputs

Optional Accessories:

- ERI-CGX IR cable adapter for Xantech distribution system
- ERI-IRE IR Input 3.5mm socket to D9 RS232
- ERI-RG1 IR target to 3.5mm jack - use with ERI-IRE
- ERI-IRL IR Learner on D9 RS232. incl software

General:

Connects to Embedded Server via Ethernet
 Assign unique name to each Ethernet to RS232 and Infra-red unit
 Unique name displayed in the Switch Builder
 Integrated web server for initial RS232 port configuration
 Two LED (red and green) status indicators on RJ45 port

Serial Interface:

Connector: Male DB9
 Data Rates: 1200 baud to 57.6k baud
 Parity: odd, even, none
 Data Bits: 8
 Stop Bits: 1
 Flow control: bi-directional hardware RTS/CTS
 IR input: utilizing a ERI-IRE and ERI-RG1, IR commands are received via RS232 port

IR Interface:

Activity indicator LEDs for each IR port
 Each IR port discreetly addressed
 Connector: 3.5mm stereo jack
 Frequency: 30KHz - 500KHz
 IR input: utilizing a ERI-IRE and ERI-RG1, IR commands are received via RS232 port

Power Consumption:

9 to 18V DC 0.3A
 240V AC external power supply included

Environmental and Mechanical

Material: Aluminium
 Weight: 200g
 Temperature range: 0 ~ 40 degrees C
 Dimensions ERI-1RU: (WxDxH) mm: 482.6 x 78 x 31
 Dimensions ERI-62: (WxDxH) mm: 320 x 78 x 31

* Additional components required. Level of control depends on extent of network.
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 Specifications are subject to change without prior notice. E&OE.

