Network Control - Small

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

- 1x Bi-directional RS232 port

- 3x Independent infra-red ports with status

- Create virtual remote control devices in Embedded Interface

- Perfect for the average size entertainment area

- 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 Builderkit

Cut and paste IR codes from your existing library directly into 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
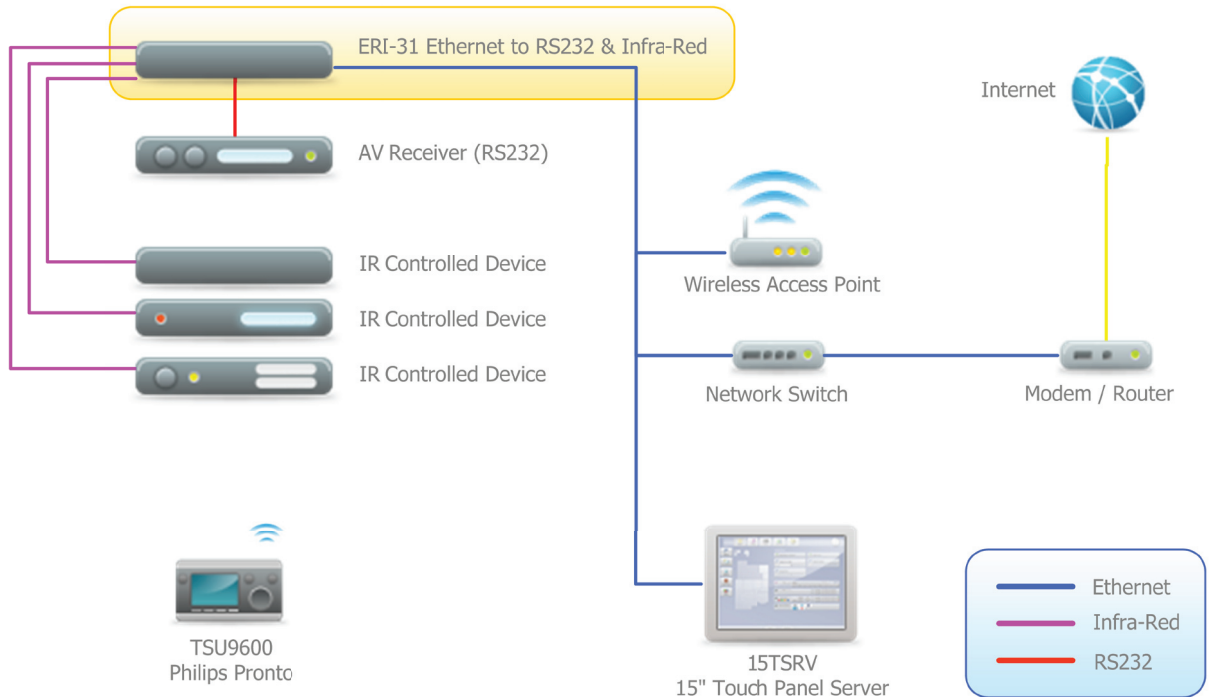
Only program once per brand/model for each device

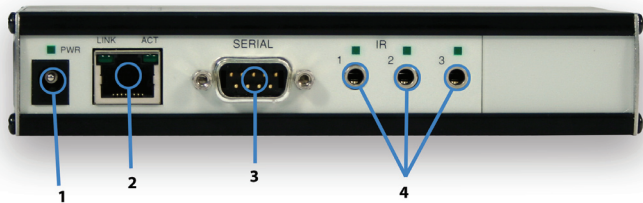*Requires only 1x network cable wired back to a router/modem with connection to Embedded Server*

Modules and Drivers

Included:

1x Network Control Driver (DRV-ERI)

ERI-31 Ethernet to RS232 & Infra-Red

AV Receiver (RS232)

IR Controlled Device

IR Controlled Device

IR Controlled Device

TSU9600
Philips Pronto

Internet

Wireless Access Point

Network Switch

Modem / Router

15TSRV
15" Touch Panel Server

Ethernet
Infra-Red
RS232

Specifications

- 1 = 19-18 VDC @300mA Power
- 2 = 10Mbit Ethernet RJ45 port
- 3 = RS232 male D9 port up to 19.2Kbaud bidirectional hardware flow control
- 4 = Infra-red 3.5mm ports 1-3 (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 of Embedded Server

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-directonal 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 0.3 A

240V AC external power supply included

Environmental and Mechanical:

Material: Aluminium

Weight: 200g

Temperature range: 0 ~ 40 degrees C

Dimensions (WxDxH) mm: 160 x 78 x 31