

1RU Automation Server



The Automation Server is the centre of the automation network - housing all the data including macros, scripts, logic and interface information in one slimline rack mount unit.

The Automation Server can react to events generated from any IR, RS232 or TCP/IP input - RTI, Philips TSU9600 or NevoSL remotes, HPM iControl, Clipsal C-Bus, Dynalite, AV receivers, multi-room audio keypads, security PIRs & reed switches, and more.

Product Highlights

- *Rack-mount model designed for large, complex projects with services room*
- *Logic and macro engine across all connected devices*
- *Bi-directional control of lighting and power control systems including HPM iControl, Clipsal C-Bus and Dynalite**
- *Audio visual integration via Ethernet, RS232 and Infra-red**
- *Security & access control integration via Ethernet with Ness M1/Easy 16/Easy 8**
- *Display security camera and intercom audio/video feeds from Ness Ultimate DVR, ACTi IP cameras and video servers**
- *Control, record and distribute audio and video content around the project from PCs, Macs and NAS **

Features and Benefits

19" 1RU Rack mount unit allows for easy installation and integration

Embedded Server and Interface

Logic and macro engine across all connected devices

6x bi-directional RS232 ports; remote RS232 ports via ethernet adapters (ERI-xx) or Network Music Players (MPL-x)

Intuitive scene and timer programming allows basic configuration changes to be made through the user interface

External Links enable the user to access a preset list of their favourite web pages directly from the touch-panel

Switch Builder allows for fast and easy programming of the entire Automation Network and Interfaces

Easily save and load pre-configured or saved RS232 or Infra-red devices into the project

Integrated web server enables access to project via web browser. Control project from pc, notebook, apple or remote access.

Modules and Drivers

Included:

1x Embedded Server (MOD-SRV)

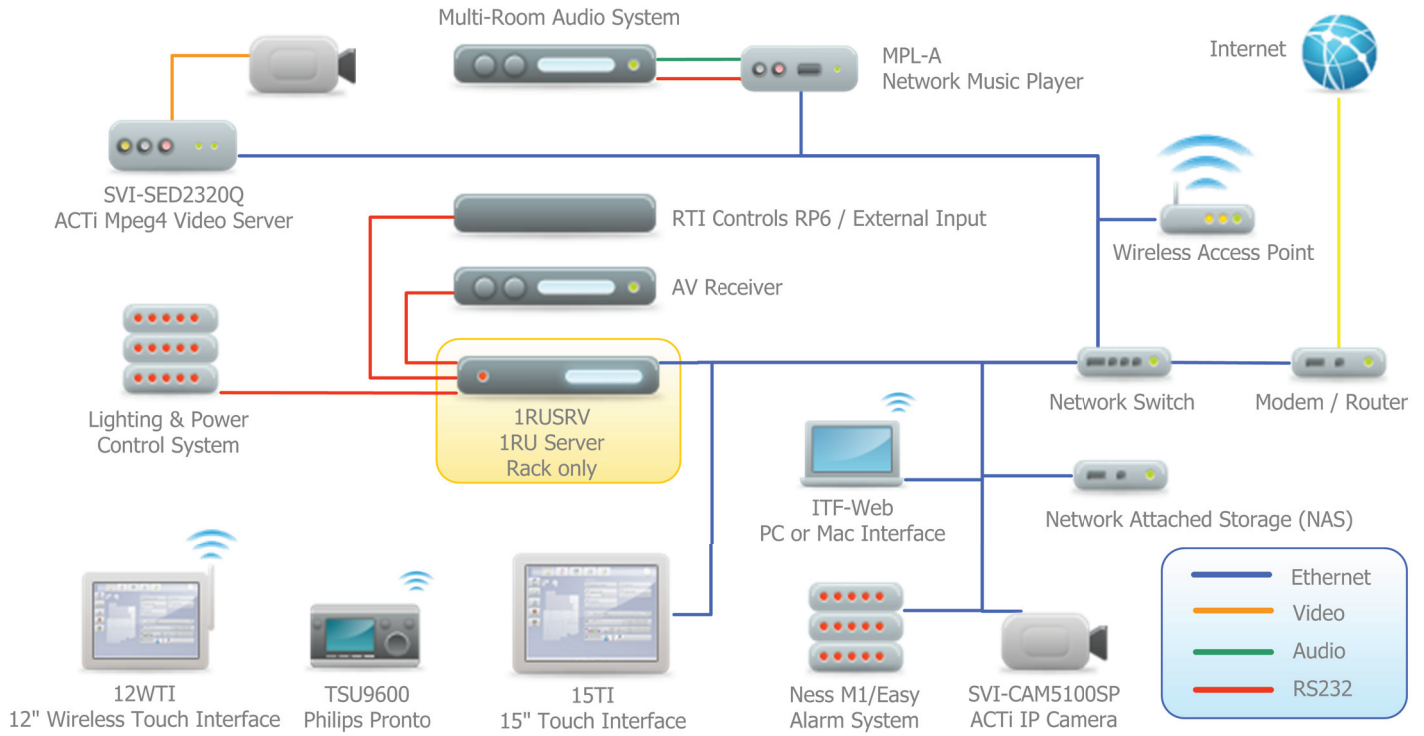
1x Embedded Interface via VGA (MOD-ITF)

1x Serial Connections (MOD-SER)

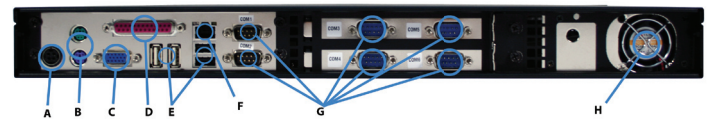
1x Links (Internet Browser) (MOD-WEB)

Schematic

1RUSRV



Specifications



- 1 = Behind Cover: Power reset switch (power always on); 2x USB 2.0 ports; 1x Line Level Audio Output; 1x Microphone Level Input
- 2 = Power LED indicator
- 3 = Activity LED indicator
- 4 = 19" 1RU Rack Mount Ears

- A = DC Power socket
- B = Keyboard / Mouse PS2 port (service only)
- C = VGA D15 port
- D = Serial D25 (service only)
- E = 4x USB 2.0 ports
- F = 10/100 Ethernet RJ45 port
- G = 6x RS232 D9 ports
- H = Exhaust fan (Total: 1x Exhaust, 2x Intake, 1x Processor)

General:

19" Rack mountable - 1RU height
 Intel Pentium M 1.4Ghz
 Remote access via Web
 VGA port supplies Embedded Interface for rack monitors
 70Gb internal storage for Music (accessed as a network drive)
 2GB Flash Memory
 512mb DDR RAM
 XP Embedded Operating System

Environmental and Mechanical:

All aluminum chassis construction with stylish aluminum front bezel
 Weight: 2.5kg
 Finish: Anodized front bezel, black wet paint with texture coat chassis
 Requires 1RU clearance above and below for adequate heat dissipation
 Cooling Fans: 2x 40mm ball-bearing type; 1x 40mm rear exhaust (optional depending on environment)
 Dimensions(WxDxH): 482.6 x 254 x 44.45

Power Consumption:

60w @ 240V AC
 External switch-mode power supply

Serial Interface:

Connector: Male DB9
 Data Rates: 1200 baud to 115.2k baud
 Parity: odd, even, none
 Data Bits: 5, 6, 7, 8
 Stop Bits: 1, 1.5, 2
 Flow control: bi-directional hardware RTS/CTS

* Additional components required. Level of control depends on extent of network. All brand and/or product names are trademarks of their respective owners. Specifications are subject to change without prior notice. E&OE.

