



## NT-52P

2Port Universal I/O PoE Control Gateway

| Ethernet - RJ-45 | WEB-CTRL



The NT52P is a compact universal I/O PoE control gateway, capable of plug and play deployment over customer Ethernet LAN for remote control of customer controlled devices via two universal I/O ports. The ports can be configured as bidirectional RS232, crossed RS232, RS485, IR, GPI/O or relay control connections. Multiple control clients can be IP connected to the NT52P control gateway for concurrent control of devices, such as AV scalars, video projectors and displays, audio amplifiers, DVD players, sensors, screens, shades, door locks, and lighting

### FEATURES

**Innovative Universal I/O Ports** - Remote IP-based control of any device connected to the control gateway universal I/O ports, with selectable port configuration to bidirectional RS232, RS232 cross, RS485, IR, GPI/O or relay control. Each port is adaptable for any room device control simply by toggling a button

**Multiple IP Connected Clients** - Remotely connected over customer Ethernet network, concurrently controlling any devices connected to control gateway universal I/O ports

**Easy & Reliable Installation** - With single PoE cable for both, powering and connectivity, and Plug and Play IP installation with dynamic (DHCP) address resolution and auto device discovery over customer LAN. Highly resilient powering with multiple power options — USB, Power over Ethernet per IEEE 802.3af standard, and optional PSU (not included). Compact, designed for piggyback installation, such as behind a TV or display, with the ability to draw power from device USB port and Ethernet connectivity

**Remote Management** - Built-in web UI for remote browser-based management and support, by multiple IP clients over customer LAN. Easy firmware upgrades, either remotely via customer LAN, or locally via device USB port



## TECHNICAL SPECIFICATIONS

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**PORTS:** 2 RS232/IR universal I/O ports on 3pin terminal blocks each selectable as one of:  
1 bidirectional RS232 serial port  
1 crossed bidirectional RS232 serial port  
1 bidirectional RS485 serial port  
2 IR emitter ports  
2 GPI/O ports  
2 relay ports,  
1 LAN on an RJ45 female connector,  
1 builtin IR sensor for IR learning,  
1 mini USB connector for local services

**SUPPORTED SERIAL PORT BAUD RATES:** 1200, 2400, 4800, 9600, 19200, 38400, 57600, 15200bps

**RS-232 COMMUNICATION:** Transparent up to 115200bps

**IR EMITTER CABLE RANGE:** 80m (260ft)

**SUPPORTED IR OUTPUT FREQUENCIES:** 20kHz to 1.2MHz

**SUPPORTED IR INPUT FREQUENCIES:** 20kHz to 60kHz

**MAXIMUM DATA HANDLING OF DEVICE:** Up to 150kbps (summed on all ports, see Section 7.1)

**MAXIMUM SIMULTANEOUS IP-CLIENT CONNECTIONS:** 40

**POWER CONSUMPTION:** 12V DC, 200mA

**OPERATING TEMPERATURE:** 0° to +40°C (32° to 104°F)

**PRODUCT DIMENSION:** 12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H

**PRODUCT WEIGHT:** 0.2kg (0.4lbs) approx

**SHIPPING DIMENSION:** 15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H

**SHIPPING WEIGHT:** 0.8kg (1.8lbs) approx

**STORAGE TEMPERATURE:** -40° to +70°C (-40° to 158°F)

**HUMIDITY:** 10% to 90%, RHL noncondensing

**COOLING:** Convection

**ENCLOSURE TYPE:** Tools, aluminum

**RACK MOUNT:** With optional RK3T rack adapter

**VIBRATION:** ISTA 1A in carton (International Safe Transit Association)

**SAFETY REGULATORY COMPLIANCE:** CE

**ENVIRONMENTAL** Complies with appropriate requirements of RoHs and WEEE

REGULATOR  
COMPLIANCE:

INCLUDED  
ACCESSORIES:

3ft USB cable, bracket set

