



# kramer

## NT-52P

2-Port Universal I/O PoE Control Gateway

| Ethernet - RJ-45 | WEB-CTRL



NT-52P 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 RS-232, crossed RS-232, RS-485, IR, GPI/O or relay control connections. Multiple control clients can be IP-connected to NT-52P 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 RS-232, RS-232 cross, RS-485, 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 — Power over Ethernet per IEEE 802.3af standard, and PSU. Compact, designed for piggy-back 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



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## TECHNICAL SPECIFICATIONS

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PORTS:	2 RS-232/IR universal-IO ports on 3-pin terminal blocks, each selectable as one of: <ul style="list-style-type: none"><li>- 1 bidirectional RS-232 serial port</li><li>- 1 crossed bidirectional RS-232 serial port</li><li>- 1 bidirectional RS-485 serial port</li><li>- 2 IR emitter ports</li><li>- 2 GPI/O ports</li><li>- 2 relay ports,</li></ul> 1 LAN on an RJ-45 female connector, 1 built-in 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 SOURCE:	12V DC, 2A
POWER CONSUMPTION:	12V DC, 220mA
ENCLOSURE TYPE:	Tools, aluminum
COOLING:	Convection ventilation
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
INCLUDED ACCESSORIES:	Power supply unit, bracket set
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
SAFETY REGULATORY COMPLIANCE:	CE
ENVIRONMENTAL REGULATOR COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE

Product Dimensions 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 Dimensions 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

