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 scalers, 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

TECHNICAL SPECIFICATIONS

PORTS:	2 RS−232/IR universal−IO ports on 3−pin terminal blocks, each selectable as one of: − 1 bidirectional RS−232 serial port − 1 crossed bidirectional RS−232 serial port − 1 bidirectional RS−485 serial port − 2 IR emitter ports − 2 GPI/O ports − 2 relay ports, 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