SL-1N

7−port Serial, IR, and Relay, Ethernet Room Controller

RS-232	ETH	RELAY	INFRA RED	USB	K-NET
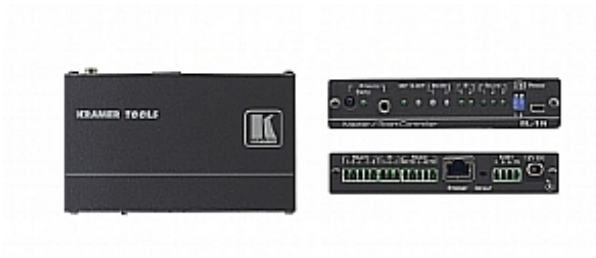
The SL−1N is a master room controller that can operate over Ethernet (LAN) with control ports that include two bidirectional RS−232, two IR and three relay. It controls devices such as scalers, video displays, audio amplifiers, DVD players, sensors, screens, shades, door locks, and lights. Multiple Kramer Ethernet gateways can be used to add remote I/O ports.

The SL−1N includes a KNET™ connector interface which enables access to the master controller from auxiliary room controllers such as control keypads. The SL−1N can also provide power to auxiliary room controllers via the KNET™ connectors.

FEATURES

- 1 Ethernet Port - Connector for IP−enabled devices and control gateways for adding remote I/O ports
- 1 K-NET™ Connector - Enables communication between the master controller and auxiliary room controllers such as control keypads
- K-NET™ Single Link Connection - Enables a single connection for both power and control to auxiliary controllers
- 2 RS-232 Bi-directional Control Ports - Serial control protocol for compatible devices
- 2 IR Emitter Control Ports - Infrared control for compatible devices
- 3 Relay Control Ports - Contact closure control for actions such as rolling up and down screens, drapes, shades, and blinds
- Simultaneous IP Control Communication - With up to 15 IP control clients.
- Kramer K-Config™ Compatible - Intuitive Windows−based configuration application for fast and easy design of room control systems
- Kramer Site-CTRL™ Compatible - Remote customer site control and management over customer's IP network
- IR Sensor and IR Input Ports - Learn commands from IR remotes
- Mini USB Port - For firmware upgrades of technical services

TECHNICAL SPECIFICATIONS

BIDIRECTIONAL PORTS:	2 RS−232 serial on 3−pin terminal blocks, 1 K−NET on 4−pin terminal block connector, 1 Ethernet on an RJ−45 connector, 1 Mini USB connector for local programming services.
INPUTS:	1 built−in IR sensor, 1 IR−in on 3.5mm mini−jack (for learning).
OUTPUTS:	2 IR−out and 3 relays (36V AC or DC, 2A, 60VAC maximum on non−inductive load) on 2−pin terminal block connectors.
INDICATORS:	LED indicator for each port and function.
POWER CONSUMPTION:	12V DC, 180mA.
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.
OPTIONS:	RK−3T 19" rack mount, RC−4 remote controller, external IR receiver (C−A35M/IRR−50) and IR receiver extension cables (C−A35M/A35F−50).
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:	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83") W, D, H
SHIPPING WEIGHT:	0.5kg (1.2lbs) approx.