KRAMER

FC-54P
4Port MultiFunction Serial/IR & GPIO/Relay
PoE Control Gateway

| Ethernet - RJ-45

FC54P is a multifunction PoE control gateway, capable of plug and play deployment over a customer Ethernet LAN for GPI/O, relay, IR and serial control of customer devices. Multiple control clients can be IPconnected to the FC54P control gateway for concurrent control of devices such as projectors, displays, DVD players, lights, shades and screens

FEATURES

Innovative I/O Ports - Remote IP–based control of any device connected to the control gateway I/O ports, with selectable port configuration to bidirectional RS232, IR, GPI/O or relay control. Each port is adaptable for any room device control simply by setting a DIPswitch

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. Highlyresilient 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 - Builtin web UI for remote browserbased management and support, by multiple IPclients over customer LAN. Easy firmware upgrades, either remotely via customer LAN, or locally via device USB port

TECHNICAL SPECIFICATIONS

PORTS:	2 RS232/IR multifunction ports on 3pin terminal blocks each selectable as either 1 bidirectional RS232 (RS485 port 1 selectable option) serial or 2 IR emitter ports, 2 GPIO/Relay multifunction ports on 3pin terminal blocks each selectable as either 2 GPI/O or 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:	5V DC,350mA
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
PRODUCT DIMENSION:	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00") W, D, H
PRODUCT WEIGHT:	0.0kg (0.0lbs) approx
SHIPPING DIMENSION:	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H
SHIPPING WEIGHT:	0.0kg (0.0lbs) 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 RKT2B rack adapter
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
SAFETY REGULATORY COMPLIANCE:	CE
ENVIRONMENTAL REGULATOR COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE

INCLUDED
ACCESSORIES: 3ft USB cable, bracket set