



## FC-54P

4-Port Multi-Function Serial/IR & GPIO/Relay PoE Control Gateway

| Ethernet - RJ-45



FC-54P is a multi-function PoE control gateway, capable of plug and play deployment over a customer Ethernet LAN for GPIO, relay, IR and serial control of customer devices. Multiple control clients can be IP-connected to the FC-54P control gateway for concurrent control of devices such as projectors, displays, DVD players, lights, shades and screens

### FEATURES

**Dual-Function I/O Ports** - Remote IP-based control of any device connected to the control gateway I/O ports, with selectable port configuration to bidirectional RS-232, IR, GPIO or relay control. Each port is adaptable for any room device control simply by setting a DIP-switch

**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 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

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PORTS:	2 RS-232/IR multi-function ports on 3-pin terminal blocks each selectable as either 1 bidirectional RS-232 (RS-485 port 1 selectable option) serial or 2 IR emitter ports, 2 GPIO/Relay multi-function ports on 3-pin terminal blocks each selectable as either 2 GPI/O or 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 CONSUMPTION:	5V DC, 350mA
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
ENCLOSURE TYPE:	Mega Tools size, aluminum
COOLING:	Convection ventilation
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
SAFETY REGULATORY COMPLIANCE:	CE
ENVIRONMENTAL REGULATOR COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE
DIMENSIONS:	18.8cm x 11.5cm x 2.5cm (8.5" x 4.7" x 1.0") W, D, H, ½ 19" 1U
WEIGHT:	0.4kg (0.9lbs)
SHIPPING DIMENSIONS:	34.5cm x 16.5cm x 5.2cm (13.6" x 6.5" x 2.0") W. D. H
SHIPPING WEIGHT:	0.94kg (2.1lbs)
INCLUDED ACCESSORIES:	3ft USB cable, bracket set

