



FC-6P

2-Port Multi-Function Serial/IR PoE Control Gateway



FC-6P is a serial/IR multi-function control gateway with Power over Ethernet, capable of plug and play deployment over a customer Ethernet LAN for remote bidirectional RS-232 or RS-485 and IR emitter control of customer devices. Multiple control clients can be IP-connected to the FC-6P control gateway for concurrent control of two RS-232 or four IR controllable devices, such as AV scalars, video displays, audio amplifiers, and DVD players.

FEATURES

- **Dual-Function I/O Ports** - Remote IP-Based control of devices connected to the control gateway dual-function I/O ports, with selectable port configuration to bidirectional RS-232, RS-485 or IR control.
- **Multiple IP Connected Clients** - Remotely connected over customer Ethernet network, concurrently controlling any devices connected to control gateway 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

PORTS:	2 RS-232/IR multi-function ports on 3-pin terminal blocks, each selectable as one of: – 1 bidirectional RS-232 (RS-485 port 1 selectable option) serial – 2 IR emitter ports, 1 Ethernet on an RJ-45 female connector, 1 built-in IR sensor for 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:	5V DC, 2A.
POWER CONSUMPTION:	5V DC, 250mA.
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:	3ft USB cable, bracket set.
OPTIONAL ACCESSORIES:	Power supply unit, RK-3T rack adapter.
RACK MOUNT:	With optional RK-3T 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.
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.