FC-6
2-Port Multi-Function Serial/IR Control Gateway

| Ethernet - RJ-45

FC-6 is an RS-232/IR multi-function control gateway, capable of plug and play deployment over a customer Ethernet LAN for remote bidirectional RS-232 and IR emitter control of customer devices. Multiple control clients can be IP-connected to the FC-6 control gateway for concurrent control of two RS-232 or four IR controllable devices, such as AV scalers, 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 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 - Plug and Play IP installation with dynamic (DHCP) address resolution and auto device discovery over customer LAN. Resilient powering with USB 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 a device USB port

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

Pico TOOLS™ - Mount 4 units side-by-side in a 1U rack space with the recommended rack adapter

TECHNICAL SPECIFICATIONS

PORTS:	2 RS−232/IR multi−function ports on 3−pin terminal blocks, each selectable as one of: − 1 bidirectional RS−232 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
MAXIMUM SIMULTANEOUS IP-CLIENT CONNECTIONS:	40
POWER SOURCE:	5V DC, 2A
POWER CONSUMPTION:	5V DC, 300mA
ENCLOSURE TYPE:	Pico 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
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE