



FC-6

2-port Multi-Function Serial/IR Control Gateway



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 scalars, video displays, audio amplifiers, and DVD players.

FEATURES

- **Compact, Piggy-back Installation** - Such as behind a TV or display with the ability to draw power over USB from the device.
- **Two Dual-Function Ports** - Selectable up to 2 bidirectional RS-232 or four IR outputs.
- **Up to 40 IP Connected Clients** - Over customer Ethernet network, remotely controlling devices connected to control gateway RS-232 and IR ports.
- **Remote IP-Based Control** - Up to two RS-232-controlled devices, up to four IR-controlled devices connected to the control gateway.
- **Easy Plug-and-Play IP Installation** - With dynamic (DHCP) address resolution and auto device discovery over customer LAN.
- **Power Options** - USB, optional PSU.
- **Remote Device Management** - Via Web browser, by multiple IP-clients (PCs or remote controllers) over customer LAN.
- **Browser-Based IR Learning Tool** - For IR sensor detected signals.
- **Windows®-based Virtual Port Software** - For setting up virtual ports on a PC.
- **USB Port** - For powering the device or upgrading firmware locally.
- **Remote Firmware Upgrades via a LAN.**
- **Optional Power Supply** - Not included.

TECHNICAL SPECIFICATIONS

OUTPUTS:	4 IR emitters when 2 multi-IO ports are IR-selected.
PORTS:	2 RS-232/IR multi-IO on 3-pin terminal blocks each selectable as either 1 bidirectional RS-232 or 2 IR emitters, 1 Ethernet on an RJ-45 connector, 1 mini USB connector for local services, 1 built-in IR sensor (for learning).
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 INPUT FREQUENCIES:	20kHz to 60kHz.
SUPPORTED IR OUTPUT FREQUENCIES:	20kHz to 1.2MHz.
MAXIMUM DATA HANDLING OF DEVICE:	Up to 150kbps summed on all ports.
POWER CONSUMPTION:	5V DC, 300mA.
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.
COOLING:	Convection.
ENCLOSURE TYPE:	Aluminium.
RACK MOUNT:	With optional rack adapter.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	3ft USB cable, bracket set
OPTIONS:	PS-504 5V DC power adapter, RK 4PT 19" rack adapter, IR Cables—C A35M/2IRE-10, C-A35M/IRR-3, C-AS35M/AS35F-50, CA35M/IRE-10, bulk cable for serial control—BC-1T-300M, Serial Cables—C-D9F/OPEN-3/6/10/15/25/35/50, BC-1T-300M bulk cable.
PRODUCT DIMENSIONS:	6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96") W, D, H
PRODUCT WEIGHT:	0.1kg (0.2lbs) approx.
SHIPPING DIMENSIONS:	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H
SHIPPING WEIGHT:	0.3kg (0.6lbs) approx.