



FC-28

Ethernet to Serial Port, IR, GPI/O & Relay Controller



The FC-28 is a bidirectional RS-232, IR control, GPI/O and relay control signal converter to Ethernet. Two RS-232, four IR, two GPI/O and two relay controllable devices can be controlled via an Ethernet or LAN connection.

FEATURES

- **Ports** - 2 RS-232, 1 Ethernet, 4 IR emitters, 1 IR learning, 2 GPI/O, 2 relays.
- **Simultaneous Communication** - With up to 40 PC clients.
- **USB Port** - For technical service, including firmware upgrades.

TECHNICAL SPECIFICATIONS

OUTPUTS:	4 IR on 2-pin terminal blocks.
PORTS:	2 RS-232 serial on 3-pin terminal blocks, 1 Ethernet on an RJ-45 connector, 1 USB on a mini USB connector for programming, 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.
SUPPORTED WEB BROWSERS:	Windows 7 and higher: Internet Explorer (32/64 bit) version 11, Firefox version 30, Chrome version 35. MAC: Chrome version 35, Firefox version 27, Safari version 7. Android OS: Chrome version 35. iOS: Chrome version 35, Safari version 7.
POWER CONSUMPTION:	5V DC, 230mA.
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.
DIMENSIONS:	12cm x 7.5cm x 2.44cm (4.72" x 2.95" x 0.96") W, D, H.
PRODUCT WEIGHT:	0.182kg (0.4lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
SAFETY REGULATORY COMPLIANCE:	CE.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	Power adapter, IR Cable C-A35M/IRE-10.
OPTIONS:	19" Rack adapter RK-3T, IR cables: C-A35M/2IRE-10, C-A35M/IRR-3, C-AS35M/AS35F-50, C-A35M/IRE-10; bulk cable for serial control BC-1T-300M.