



FC-132ETH

32-port Serial Control Gateway and
Advanced Serial Communication Matrix

| Ethernet - RJ-45



The FC-132ETH is an advanced Ethernet control gateway and serial communication matrix, capable of plug and play deployment over a customer Ethernet LAN. Serving as an advanced serial communication matrix, the FC-132ETH has 32 RS-232 and one RS-232/RS-485 output ports. Serial communication data is switchable to one or more of the eight RS-232 input ports. This can be done according to local control of panel buttons or RS-232 control port, or remote control via Ethernet port control protocol or web-page browsing. Depending on matrix routing, one-to-one bidirectional or one-to-many unidirectional serial switched communication is supported. Serving as a control gateway, FC-132ETH is capable of remote bidirectional control of customer-controlled devices serially connected to its 32 RS-232 and one RS-232/RS-485 input ports. Multiple control clients can be IP-connected to the FC-132ETH control gateway for concurrent control of two RS-232 or RS-485 controllable devices, such as AV scalers, video displays, and audio amplifiers

FEATURES

- 1 RS-485 or RS-232 Selectable Bi-directional Output Port - Controls a device via bi-directional serial control protocols
- 32 Bidirectional RS-232 Output Ports - Control a device via bi-directional serial control protocols
- 8 Bidirectional RS-232 Input Ports - Switchable serial communication to one or more of the serial input ports
- 4 Panel Buttons & LCD Display - Local panel control of serial matrix ports switching
- 1 Panel Take / Lock Button - Local panel switching control or tampering prevention
- 1 Bidirectional RS-232 Control Port - Local protocol-based switching control port
- 1 Ethernet Control Port - Remote protocol-based control port
- Built-in Web Pages - Remote browser-based control and support
- Simultaneous IP Control Communication - With up to 40 IP control clients
- Mini USB Port - For firmware upgrades and local technical services
- Easy Installation - Plug & play IP auto-setup deployment for simple and cost-reducing installation



TECHNICAL SPECIFICATIONS

PORTS:	1 RS-232/RS-485 selectable and 32 RS-232 serial output ports on 3-pin terminal blocks, 8 RS-232 serial input ports on 3-pin terminal blocks, 1 RS-232 serial control port on a 3-pin terminal block, 1 Ethernet on an RJ-45 connector, 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
MAXIMUM DATA HANDLING OF DEVICE:	Up to 310kbps summed on all ports
CONTROLS:	Serial Select button, RS-485 terminator switch, DHCP and Factory Default buttons. Front panel buttons and LCD display, RS-232, Ethernet
INDICATORS:	Power, Ethernet, Serial I/O, and DHCP status LEDs
POWER CONSUMPTION:	100-240V AC, 50/60Hz, 17VA
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:	Aluminum
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 cord, rack mounting brackets
OPTIONAL:	Serial cables: C-D9F/OPEN-3/6/10/15/25/35/50, BC-1T-300M bulk cable
Product Dimensions	19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H
Product Weight	1.7kg (3.7lbs) approx
Shipping Dimensions	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
Shipping Weight	2.5kg (5.5lbs) approx

