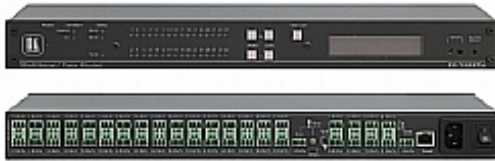




FC-132ETH

32-port Serial Control Gateway and Advanced Serial Communication Matrix



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 scalars, 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 1200, 2400, 4800, 9600, 19200, 38400, 57600, 15200bps.

BAUD RATES:

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.

PRODUCT DIMENSIONS: 19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H

PRODUCT WEIGHT: 1.7kg (3.7lbs) approx.

SHIPPING DIMENSIONS: 55.0cm x 27.6cm x 10.7cm (21.5" x 10.9" x 4.2") W, D, H.

SHIPPING WEIGHT: 2.5kg (5.5lbs) approx.

INCLUDED ACCESSORIES: Power cord, Rack mounting brackets.

VIBRATION: ISTA 1A in carton (International Safe Transit Association).

SAFETY REGULATORY COMPLIANCE: CE.

ENVIRONMENTAL REGULATORY COMPLIANCE: Complies with appropriate requirements of RoHs and WEEE.

