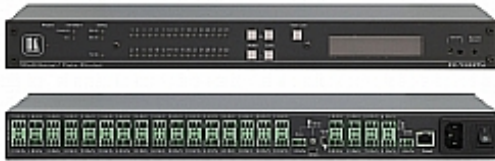




FC-132ETH

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 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 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. |

