The FC-22ETH is an Ethernet control gateway, capable of plug and play deployment over customer Ethernet LAN for remote control of customer controlled devices via bidirectional RS-232 or RS-485 serial control connections. Multiple control clients can be IP-connected to the FC-22ETH 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 Bidirectional Control Port - Controls a device via bi-directional serial control protocols
- 1 RS-232 Bidirectional Control Port - Controls a device via bidirectional RS-232 serial control protocols
- 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/RJ-485 selectable and 1 RS-232 serial on 3-pin terminal blocks, 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, 15200 bps

**RS-232 COMMUNICATION:**
Transparent up to 115200 bps

**MAXIMUM DATA HANDLING OF DEVICE:**
Up to 150kbps summed on all ports

**Controls:**
Serial Select button, RS-485 terminator switch, DHCP and Factory Default buttons

**INDICATORS:**
Power, Ethernet, Serial 1, Serial I/O, and DHCP status LEDs

**POWER CONSUMPTION:**
5V DC, 200mA

**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

**INCLUDED ACCESSORIES:**
Power adapter

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

**SAFETY REGULATORY COMPLIANCE:**
CE

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

**Product Dimensions:**
12.00cm x 7.15cm x 2.44cm (4.72” x 2.81” x 0.96”) W, D, H

**Product Weight:**
0.2kg (0.4lbs) approx

**Shipping Dimensions:**
15.70cm x 12.00cm x 8.70cm (6.18” x 4.72” x 3.43”) W, D, H

**Shipping Weight:**
0.4kg (0.9lbs) approx