

ITSEXPRESS
ITS-8040

Most Advanced and Flexible Hardened Layer 2 ++ Multicast Cabinet Switch

Unshackle Your Network with the most versatile hardened Layer 2 ++ switch available

Send Notifications to your IPHONE or Phone with email capabilities.

*4 100/1000 Hybrid SFP Ports
Optical Monitoring
Email Alerts!
IGMP v1.V2, V3
Multicast Filtering
18 GB Backbone*

Designed and influenced by some of the brightest ITS personnel in the industry.

ITS Express switches have been specifically engineered to handle the demands of the daily challenges of the real time rigorous ITS Multi Cast environment.



Finally a switch that can handle your real time ITS environment.

No more jittery video. No more complicated configurations.

No more flooding of the network.

No more being locked into one mode of Fiber or speed and/or limited backplane speed.

- Optical Monitoring With Mapping Capabilities
- Layer 2++ Managed Hardened IGMP Video Switch
- Email notifications For Fiber Outages, Port Down, ETC.
- 8 Port 10/100/1000TX Copper Ports ~ 18 GBPS Back-Plane
- Event Notification: Email SMTP, Syslog, SNMP & Relay Output
- Fast ITS Ring Recovery Time < 20ms over 250 units of connections
- Multiple Configurations: Web Browser, Telnet, CLI, CLI Menu
 - 4 100 or 1000 Dual Speed Hybrid Fiber SFP Combo Ports
 - East to Configure, Web interfaced designed by ITS users
 - Designed For Heavy Multi-Cast in Harsh environments
 - Mix and Match Multimode and Single Mode Fiber and
 - Full Layer 2+ Management, 802.1x Authentication
 - Mix and Match 100 and 1000 fiber

Distributors:

Express Supply
407-497-8614
407-504-5509 (F)

info@expresssupply.net
www.expresssupply.net

Control Technologies
407-330-2800
407-330-2804 (F)

mike@cttraffic.com
www.cttraffic.com

Standards	IEEE Std. 802.3 10BASE-T; IEEE Std. 802.3u 100BASE-TX and 100BASE FX; IEEE Std. 802.3z 1000BASE-X; IEEE Std. 802.3ab 1000BASE-T; IEEE Std. 802.3x Flow; IEEE Std. 802.3ad Port trunk with LACP; IEEE Std. 802.1d Spanning Tree Protocol; IEEE Std. 802.1w Rapid spanning tree; IEEE Std. 802.1p Class of service; IEEE Std. 802.1q VLAN Tagging; IEEE Std. 802.1x user authentication; IEEE Std. 802.1s MSTP; IEEE Std. 802.1ab LLDP
Protocols	CSMA/CD
Processing	Store and Forward switching
Connectors	10/100/1000 copper: 4; 1000Base-X Combo: 4
MAC Addresses	8192 MAC address table
Memory Buffer	128Kbytes
Jumbo Frames	Max 9Kbytes jumbo frame support
Backplane	18Gbps
LEDs	Per Unit: Power (Green), Power 1 (Green), Power 2 (Green), Fault (Yellow), Master (Green) 8 Port 10/100: Link Activity (Green), Full Duplex/Collision (Yellow), Giga Port: Link Activity
Power Supply	Dual DC inputs. 12~48VDC on 6-pin terminal block
Power Consumption	25 Watts
Operating Temperature	-40oC ~ 85oC (No Fans)
Dimensions	IP-30, 74.3mm (W) x 109.2mm (D) x 153.6mm (H) (2.93 x 4.3 x 6.05 inch)
EMI	FCC Class A, CE EN61000-4-2, CE EN61000-4-3, CE EN-61000-4-4, CE EN61000-4-5, CE EN61000-4-6, CE EN61000-4-8, CE EN6100-4-11 CE EN61000-4-12, CE EN61000-6-2, CE EN 61000-6-4
Safety Compliance	UL, cUL, CE/EN60950-1

Features:

Management: SNMP v1 v2c, v3/ Web/Telnet/CLI/Menu Driven** Management
Software features: STP/RSTP/MSTP (IEEE 802.1D/w/s), Redundant Ring with recovery time less than 20ms over 250 units ,TOS/Diffserv supported
Switch Properties: Switching latency: 7 us, Switching bandwidth: 10Gbps, Max. Number of Available VLANs: 4096, IGMP multicast groups: 256, Port rate limiting: User Define
Security Features: Enable/disable ports, MAC based port security, Port based network access control (802.1x), VLAN (802.1Q) to segregate and secure network traffic Radius centralized password management, SNMPv3 encrypted authentication and access security
VLAN: VLAN (802.1Q) with VLAN tagging and GVRP supported IGMP v1, v2 & v3 snooping for multicast filtering Port configuration, status, statistics, monitoring, security
RS232 Serial Console Port: RS-232 in RJ45 connector with console cable. 9600bps, 8, N, 1
Network Redundancy: Open-Ring, O-RSTP, STP, RSTP and MSTP
Firmware Update: Supports TFTP firmware update, TFTP backup and restore.
QOS: Quality of Service (802.1p) for real-time traffic
Spanning Tree: Supports IEEE802.1D/w/s Spanning Tree
Port Mirror: Supports 3 mirroring types: "RX, TX and Both packet".