

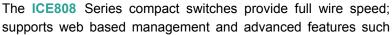


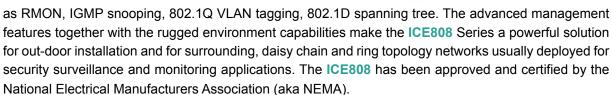
## RUGGED ENVIRONMENT SOLUTIONS

0/1/2/4 100Base-FX ports +10/100Base-TX ports to a complete 8 port switch. Optional Gigabit uplink.

ICE808 SERIES

ICE808 is a Series of SNMP managed, feature rich compact switches, that was especially designed for working under harsh environment. ICE808 Series is capable of working in environment of - 35°C to 75°C, providing one, two or four 100FX optical ports, combined with additional 10/100BaseTX ports to complete a solution of 8 ports switches.





## **Key Features**

- 4, 6, 7 or 8 ports auto-negotiate for speed and duplexity at 10/100Base-T/TX
- One, two or four fiber ports with 818, 828 and 848 respectively
- 8 x 10/100Base-T/TX with one port gigabit uplink (TX, SX, LX, ZX) is also available with ICE818G
- Web based management, Telnet, SNMP Traps, Console
- 802.1W Rapid Spanning Tree and 802.1D Spanning Tree
- Back pressure and IEEE 802.3x compliant Flow Control
- Provides 4K MAC address and 2MB memory buffer
- Environment temperature range from -35C to +75C
- Mounting choices for DIN-Rail, or Stand-alone desk top
- Port-based VLAN up to eight groups and ID Tagged VLAN (IEEE 802.1Q)
- MAC-based Trunking (up to 4 groups of 4 ports per group).
- Port Mirroring
- · Alarms for power failure by relay output Terminal Blocks
- Available with redundant 24/48V Terminal Block or 3A DC jack 12VDC with external 100-240VAC





## **Specifications**

Technical Spe	cifications
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Per Unit	Power Status					
Per Port	100/TX, 10/RX, FDX/COL (3LEDs)					
10Base-T	2-pair UTP Cat. 3, 4, 5, Up to 100m (328ft)					
100Base-TX, 1000Base-TX	2-pair UTP Cat. 5, Up to 100m (328ft)					
100Base-FX, 1000Base-FX	62.5/125µm Multi-Mode fiber optic cable					
	10/125µm Single-Mode fiber optic cable					
IEEE 802.3z, 802.3ab	1000Base-TX, 1000Base-FX (SX, LX, ZX)					
	Store-and-Forward					
	14,880pps for 10Mbps					
148,80	Opps for 100Mbps and 1,488,000 for 1000Mbps.					
Physical Specifications						
	35°C ~ 75°C (-31°F ~ 167°F)					
	45°C ~ 93°C (-50°F ~ 200°F)					
	5% ~ 95%, non-condensing					
W135mm x D123	mm x H50mm (5.3" x 5.1" x 2.1") Compact Size					
	1.6kg					
	CE, FCC, UL, NEMA TS-1, TS2					
IEC 61000-4-	2, 61000-4-3, 61000-4-4, 61000-4-5, 61000-4-6					
IEC 61000-4-8, 6	1000-4-11, 60068-2-6, 60068-2-27, 60068-2-32					
Redundant 24/48V DC or	100-240VAC,50-60Hz. External Universal PSU					
	15W Max					
Alarms for power failure (	Open for Power Off, Closed for Power On (1A)					
	Per Port					

## **Ordering information**

Compact Size Hardened Manageable Fast Ethernet Switch:

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ICE808		Hardened Mar	ng. switch with 8 10/100 TX ports
ICE818M/SC	Hardened Mang. switch with	7 10/100 TX ports	s + 1x100 FX port (SC-MM-2km)
ICE818S15I	Hardened Mang. switch with	7 10/100 TX ports	+ 1x100 FX port (SC-SM-15km)
ICE828M/SC	Hardened Mang. switch with	6 10/100 TX ports	s + 2x100 FX port (SC-MM-2km)
ICE828S15I	Hardened Mang. switch with	6 10/100 TX ports	+ 2x100 FX port (SC-SM-15km)
ICE848S15I	Hardened Mang. switch with	4 10/100 TX ports	+ 4x100 FX port (SC-SM-15km)
ICE818GSX	Hardened Mang. switch with	8 10/100 TX ports	+ 1x1000 FX port (SC-SX)
ICE818GLX	Hardened Mang. switch with	8 10/100 TX ports	+ 1x1000 FX port (SC-LX)
ICE818GZX	Hardened Mang. switch with	8 10/100 TX ports	+ 1x1000 FX port (SC-ZX)
ICE818GTX	Hardened Mang. switch with	8 10/100 TX ports	+ 1x10/100/1000TX port
ICE818GLX/ST	Hardened Mang, switch with	8 10/100 TX ports	+ 1x1000 FX port (ST-LX)

- \* Note: Default configuration is DIN-Rail, with Redundant 24VDC.
- \*\* All Models are available as  $-10C \sim +60C$  (ETR) or  $-35C \sim +75C$  (XTR).
- \*\*\* Note: Fiber ports are also available for 40Km and different connector types.

TECHAYA LTD.