



# ICE919

8 Gigabit Ports 10/100/1000Tx + 1 Gigabit Fiber Port

## FEATURES DESCRIPTION

The ICE919 is a Gigabit SNMP managed, feature rich compact switch, designed for working under harsh environment. ICE919 is capable of working in environment of -40°C to 85°C, providing one Gigabit Fiber port (SFP) combined with additional eight 10/100/1000BaseTX ports.

The ICE919 SNMP managed compact switch supports web based management and advanced features such as RMON, IGMP snooping, 802.1Q VLAN tagging,

802.1D spanning tree, Port Security. The advanced management features together with the rugged environment capabilities make the ICE919 switch a powerful solution for out-door installation and for daisy chain and ring topology networks usually deployed for security surveillance and monitoring applications. The ICE919 case has been approved and certified IP-30 standard.

## SPECIFICATIONS

<b>ETHERNET PORTS:</b>	<ul style="list-style-type: none"> <li>• 8 x 1G Ports 10/100/1000Tx</li> <li>• 1 x 1G Fiber Ports</li> </ul>
<b>NETWORKING:</b>	<ul style="list-style-type: none"> <li>• Spanning Tree (802.1d), RSTP (802.1w) and multiple Spanning Tree (802.1s) for fast recovery rings</li> <li>• Security via Radius Authentication 802.1x, Port Security, Port Mirroring</li> <li>• Multicasting (IGMP Snooping), GARP, GMRP, and GVRP Broadcasting and flooding Control up to 8K Groups.</li> <li>• 802.1q Tagged based VLAN up to 4K VLAN groups.</li> <li>• QoS Multi-Layer Classifier, 802.1p, ToS/DSCP traffic classification. WFQ, Strict Queuing.</li> <li>• Bridge support for Q-in-Q.</li> <li>• L3 static routing</li> <li>• Link Aggregation 802.3AD.</li> <li>• WEB, CLI, Telnet Management.</li> <li>• Rmirror</li> <li>• Port Protection: 1+1 port protection, 1:1 port protection, 1:N port protection</li> <li>• G.8032 ring protection</li> <li>• DHCP option 82 relay</li> <li>• L2CP tunneling</li> <li>• Protocol-based VLAN</li> <li>• 1588v2 PTP with two-step clock</li> </ul>
<b>CONNECTORS:</b>	<ul style="list-style-type: none"> <li>• Power connector: IEC230</li> <li>• 8 - RJ 45 ports</li> <li>• 1 - SFP</li> <li>• Per port LED indication (Link/Act, Speed) via serial GPIO</li> </ul>

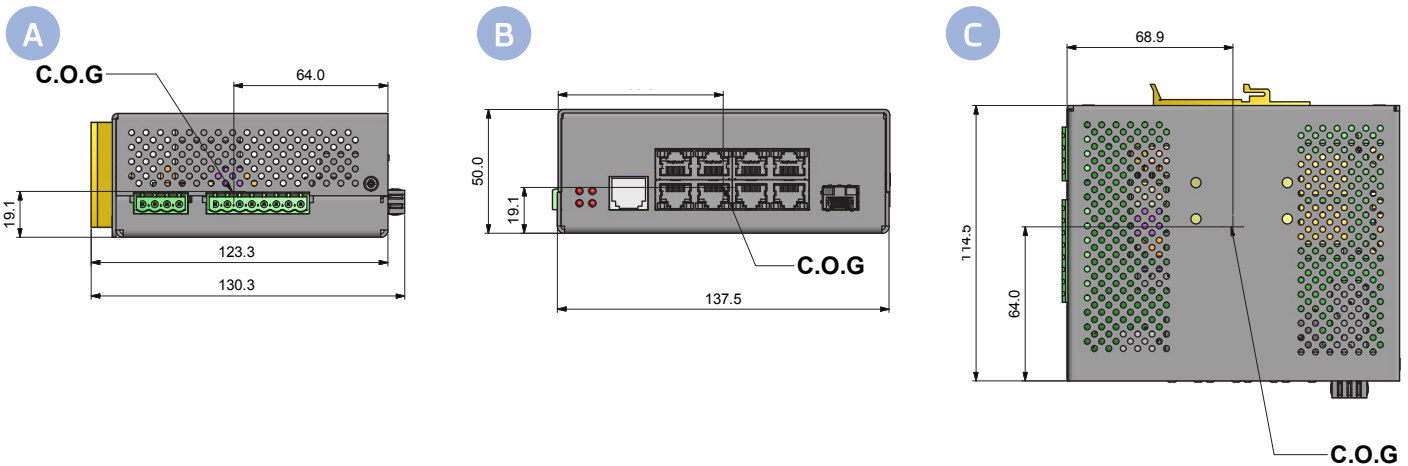


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<b>STANDARDS:</b>	Design to meet: <ul style="list-style-type: none"> <li>• CE (EN55022, EN55024), FCC, EN60950, IEC60950-1, EN61000-3-2,</li> <li>• EN61000-3-3, EN61000-6-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6,</li> <li>• EN61000-4-8, IEC61000-4-11, IEC60068-2-6, IEC60068-2-27, IEC60068-2-32</li> </ul>
<b>PERFORMANCE:</b>	<ul style="list-style-type: none"> <li>• 26.8 Mpps wire speed forwarding rate</li> <li>• 20 Gbps maximum forwarding bandwidth</li> <li>• 8K MAC Address</li> </ul>
<b>POWER:</b>	<ul style="list-style-type: none"> <li>• 12-48Vdc/0.7A</li> <li>• Power Consumption: 8W Max</li> </ul>
<b>PHYSICAL:</b>	<ul style="list-style-type: none"> <li>• Dimensions: 50mm (L) x 115mm (W) x 137mm (H)</li> <li>• Dimensions: 1.97" (L) x 4.53" (W) x 5.4" (H)</li> <li>• Weight: 500g</li> <li>• DinRail mounting</li> </ul>
<b>COOLING:</b>	<ul style="list-style-type: none"> <li>• No Moving Parts. Passive Cooling</li> </ul>
<b>OPERATING TEMP:</b>	<ul style="list-style-type: none"> <li>• -40°C to +85°C (-40°F to +185°F) Cold Start-Up</li> </ul>
<b>STORAGE TEMP:</b>	<ul style="list-style-type: none"> <li>• -45°C to +85°C (-49°F to +185°F)</li> </ul>



### ORDERING INFORMATION

PART NUMBER	DESCRIPTION
1-ICE919-000	• 8 x Gigabit Ports 10/100/1000Tx + 1 x 1G Fiber Port Managed Switch
SFP1000iSX	• SFP Module, Gigabit Fiber, Multi-mode, 500m
SFP1000iLX30	• SFP Module, Gigabit Fiber, Single-mode, 30km
SFP100iSX	• SFP Module, 100FX Fiber, Multi-mode, 2km
SFP100iLX30	• SFP Module, 100FX Fiber, Single-mode, 30km