



# AUTOMATION SYSTEMS AND SOLUTION



**IND-D-LM-FG-0802-N**

**10-port Full Gigabit Managed  
Industrial Ethernet Switch**

## Features:

- Web management, CLI command line (Console, Telnet), SNMP (V1/V2/V3), HTTPS, SSLV3, and SSHV1/V2.
- CPU monitoring, memory monitoring, Ping test, and cable diagnose.
- Low power consumption, fan-less design, aluminum shell
- ALC, filter data packet through configuring matching rules, processing operation & time permission, and provide flexible and safe access control.
- QoS, Priority mode based on 802.1P, Port & DSCP, queue scheduling algorithm including EQU, SP, WRR & SP+WRR.
- Support Gigabit Ethernet port and Gigabit SFP port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

# TECHNICAL SPECIFICATIONS

## Port Configuration

<b>Total Ports</b>	<b>10</b>
RJ45 ports	8*10/100/1000Base-T Non-POE
Uplink	2*1000Base-X uplink SFP slot

## Chip Parameter

<b>L2+</b>	Network Management Type
<b>Network protocol</b>	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-X, IEEE802.3x
<b>Switching Capacity</b>	128Gbps
<b>Forwarding Rate@64byte</b>	14.88Mpp
<b>LED Indicator</b>	Power/System: SYS (Green), Network: Link (Yellow), Fiber port: L/A (Green)

## Physical Parameter

<b>Operation TEMP / Humidity</b>	-40~+75°C, 5%~90% RH Non condensing
<b>Storage TEMP / Humidity</b>	-40~+85°C, 5%~95% RH Non condensing
<b>Dimension (L*W*H)</b>	165*148*54mm
<b>Net /Gross Weight</b>	<0.8kg / <1.2kg

## Power Supply

<b>Working Voltage</b>	12-48VDC, 5 Pin industrial Phoenix terminal, support anti-reverse protection.
<b>Power Consumption</b>	Standby<8W, Full load<12W

## Certification & Warranty

<b>Lightning Protection / Protection Level</b>	Lightning protection: 6KV 8/20us; Protection level: IP40 IEC61000-4-2,3,4,5,6,7,8,9,10 (ESD, RS, EFT, Surge, RF, PF) :±8kV contact discharge,±15kV air discharge
<b>Mechanical Properties</b>	IEC60068-2-6 (anti vibration), IEC60068-2-27 (anti shock) IEC60068-2-32 (free fall)
<b>Certification</b>	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS
<b>Warranty</b>	5 years, lifelong maintenance.

## Network Management Features

<b>Layer 3 Features</b>	L2+ network management ,IPV4 management Static route, Default route @ 128 pcs, APR @ 1024 pcs
<b>VLAN</b>	VLAN based on MAC, QinQ configuration, 4K VLAN based on port, IEEE802.1q.
<b>Spanning Tree</b>	STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)
<b>System</b>	Web browser: Mozilla Firefox 2.5 or higher, Google browser chrome V42 or higher, Microsc Internet Explorer10 or later.
<b>Security</b>	IP-MAC-VLAN-Port binding ARP inspection, Anti-DoS SSH 2.0,SSL,Port isolatic message speed limit



**Automation**  
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