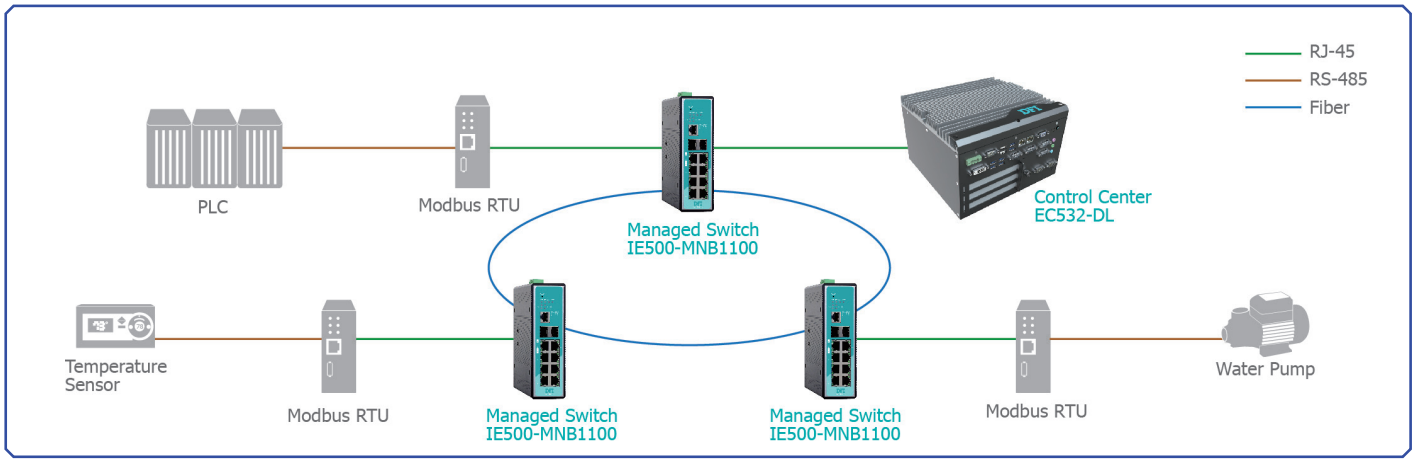
IE500-MNB1100

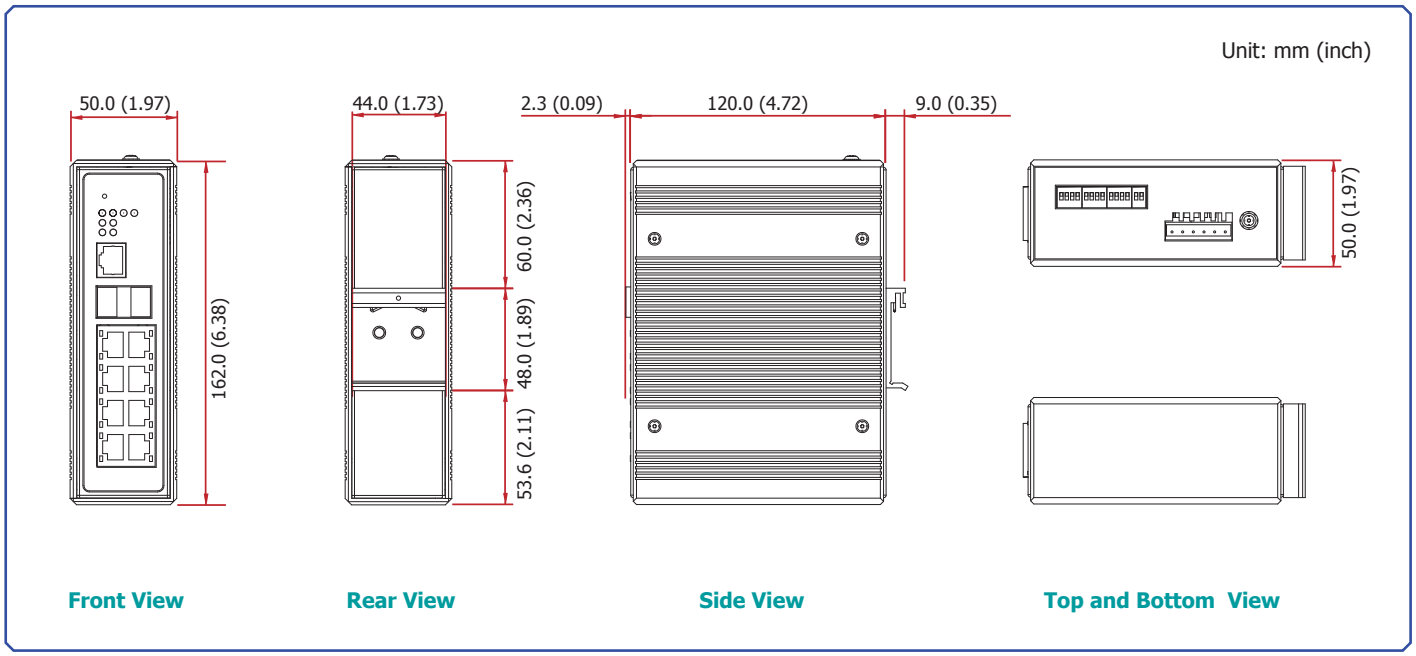
Features

- 8-port 10/100BASE-T(X) + 2-port Gigabit SFP + 1-port Console
- Port-based VLAN, IEEE 802.1Q VLAN, GARP and GVRP
- Offers a very fast recovery time of less than 50ms
- Comprehensive QoS mechanisms to assign priority
- Excellent tolerance capability to high vibration and shock

Scenario



Mechanical Drawing



Specifications

COMMUNICATIONS	**Stardards**	IEEE 802.3 (10BASE-T) IEEE 802.3u (100BASE-TX) IEEE 802.3z (1000BASE-SX/LX) IEEE 802.3x (Flow Control) IEEE 802.3ad (Link Aggregation) IEEE 802.1D (STP)	IEEE 802.1w (RSTP) IEEE 802.1p (CoS Prioritization) IEEE 802.1Q (VLAN Tagging) IEEE 802.1X (Port Authentication) IEEE 802.1ab (LLDP)
PERFORMANCE	**Jumbo Frame**	10K	
	MAC Entries	16K	
NETWORKING FEATURES	**Configuration**	Configuration Upload/Download Command Line Interface Firmware Upgradable Management VLAN	SNMP v1/v2c Syslog WebGUI Telnet
	VLAN	4K Active VLAN GARP/GVRP	Port-based VLAN IEEE 802.1Q
	Redundancy	Dual Homing Proprietary Ring	STP/RSTP
	Security	Access Control List DHCP Snooping Port Security	802.1X Port Authentication MAC Limitation SSH
	Traffic Control	IGMP Snooping/Querier Abnormal Traffic Detection Rate Limitation Port Isolation Loop Detection	Link Aggregation Storm Control Flow Control MVR QoS
	Diagnostics	Real-time Statistic Traffic Port Mirroring E-mail Alarm LED Status SNMP Trap	SFP DDMI SNTP RMON Syslog
INTERFACES	**Connectors**	8 x 10/100BASE-T(X) (RJ-45) 2 x Gigabit Multi-rate SFP 1 x Console Port (RS-232)	
POWER REQUIREMENTS	**Power Input**	Primary: 12~60V DC	Redundant: 12~60V DC
	Power Consumption	12W	
MECHANISM	**Enclosure**	IP30 Protection	
	Dimensions (W x H x D)	50mm x 162mm x 120mm (1.97" x 6.38" x 4.72")	
	Weight	780 g (1.7 pound)	
ENVIRONMENT	**Operating Temperature**	0 to 60°C (32 to 140°F)	-40 to 70°C (-40 to 158°F) (Optional)
	Storage Temperature	-40 to 80°C (-40 to 176°F)	
	Operating Humidity	10 to 95% RH (Non-condensing)	
	Storage Humidity	5 to 95% RH (Non-condensing)	
	MTBF	104,890 hrs @ 70°C	
STANDARDS AND CERTIFICATIONS	**EMI**	FCC Part 15 Subpart B Class A EN 55022 Class A	EN 55011 2009 Class A EN 61000-6-4
	EMS	EN 55024 EN 61000-6-2 IEC 61000-4-2 (ESD) Level 3 IEC 61000-4-3 (RS) Level 3	IEC 61000-4-4 (EFT) Level 3 IEC 61000-4-5 (Surge) Level 3 (L to PE 3KV) IEC 61000-4-6 (CS) Level 3
	Marine	DNV 2.4 IACS E10	IEC 60945
	Shock	IEC 60068-2-27 (Processing)	
	Freefall	IEC 60068-2-32 (Processing)	
	Vibration	IEC 60068-2-6 (Processing)	

Ordering Information

Model Name	Configuration
IE500-MNB1100	11-port Managed Switch, 8-port 10/100BASE-T(X) + 2-port Gigabit SFP + 1-port Console, 0 to 60°C
IE500-MNW1100	11-port Managed Switch, 8-port 10/100BASE-T(X) + 2-port Gigabit SFP + 1-port Console, -40 to 70°C

Packing List

- 1 IE500-MNB1100/IE500-MNW1100 Switch
- 1 Console Cable
- 1 Installation Guide

Optional Items

• Power Adapter (20W, 24V, w/o Power Cord, 1.5m)	671-102001-000G
• Power Cord (Standard: USA, 1.8m)	332-700010-201G
• Power Cord (Standard: EUR, 1.8m)	A81-004003-000G
• Power Cord (Standard: CH, 1.8m)	A81-000001-000G
• Power Cord (Standard: JP, 1.8m)	332-054034-005G

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