

▼ Industrial Ethernet



Industrial Gigabit 10/100/1000 Unmanaged Ethernet Switches



Model Names	LNX-500AG Series	LNX-0501G-SFP Series	LNX-0601G-SFP Series	LNX-0702C-SFP Series	LNX-0702G-SFP Series
Specifications					
Total Port Count	5-Port	5-Port	6-Port	7-Port	7-Port
Technology					
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x
Processing Type	Store and Forward	Store and Forward	Store and Forward	Store and Forward	Store and Forward
Protocol	CSMA/CD	CSMA/CD	CSMA/CD	CSMA/CD	CSMA/CD
Switch Properties					
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes	-	9.6Kbytes
MAC Table Size	8K	8K	8K	8K	8K
Interface					
Ethernet Port	5*10/100/1000Tx Auto MDI/MDI-X Connection	4*10/100/1000Tx Auto MDI/MDI-X Connection	5*10/100/1000Tx Auto MDI/MDI-X Connection	5*10/100Tx Auto MDI/MDI-X Connection	5*10/100/1000Tx Auto MDI/MDI-X Connection
Fiber Port	-	1*100/1000 SFP Slot	1*100/1000 SFP Slot	2*100/1000 SFP Slot	2*100/1000 SFP Slot
Wavelength	-	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Protection					
EFT Protection	3,000 VDC for Power Line	2,000 VDC for Power Line	2,000 VDC for Power Line	2,000 VDC for Power Line	2,000 VDC for Power Line
ESD Protection	6,000 VDC for Ethernet	6,000 VDC for Ethernet	6,000 VDC for Ethernet	6,000 VDC for Ethernet	6,000 VDC for Ethernet
Power Requirements					
Input Voltage	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input
Overload Current Protection	Present	Present	Present	Present	Present
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes	Yes	Yes
Power Consumption	5W	5W	5W	9W	9W
Mechanical Characteristics					
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	30 x 140 x 95 mm	30 x 142 x 99 mm	30 x 142 x 99 mm	30 x 142 x 99 mm	30 x 142 x 99 mm
Weight	1 lb	1 lb	1 lb	1.1 lbs.	1.1 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits					
Operating Temperature	STD: -10 to 70C EOT: -40 to 80C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals					
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL, C1D2	FCC, CE, UL 508	FCC, CE, UL 508	FCC, CE, UL 508	FCC, CE, UL 508
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years

Industrial Gigabit 10/100/1000
Unmanaged Ethernet Switches

Model Names	LNx-800AG Series	LNx-0802C-SFP Series	LNx-802AG Series
Specifications			
Total Port Count	8-Port	8-Port	8-Port
Technology			
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x
Processing Type	Store and Forward	Store and Forward	Store and Forward
Protocol	CSMA/CD	CSMA/CD	CSMA/CD
Switch Properties			
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet
Jumbo Frame Support	9.6Kbytes	-	9.6Kbytes
MAC Table Size	8K	8K	8K
Interface			
Ethernet Port	8*10/100/1000Tx Auto MDI/MDI-X Connection	6*10/100Tx Auto MDI/MDI-X Connection	6*10/100/1000Tx Auto MDI/MDI-X Connection
Fiber Port	-	2*Gigabit Combo Ports (2*10/100/1000Tx or 2*100/1000 SFP Slot)	2*1000Fx (Multi-Mode 2Km / Single-Mode 10Km)
Wavelength	-	Refer to SFP Module	810nm(Multi-Mode) / 1310nm(Single-Mode)
Protection			
EFT Protection	3,000 VDC for Power Line	2,000 VDC for Power Line	3,000 VDC for Power Line
ESD Protection	6,000 VDC for Ethernet	6,000 VDC for Ethernet	6,000 VDC for Ethernet
Power Requirements			
Input Voltage	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input
Overload Current Protection	Present	Present	Present
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes
Power Consumption	5W	7.5W	9.3W
Mechanical Characteristics			
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	30 x 140 x 95 mm	46 x 142 x 99 mm	59.6 x 152 x 105 mm
Weight	1 lb	2.5 lbs.	2.5 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits			
Operating Temperature	STD: -10 to 70C EOT: -40 to 80C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals			
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL, C1D2	FCC, CE, UL-61010-2-201 (Pending)	FCC, CE, UL, C1D2
Warranty	5 Years	5 Years	5 Years

Industrial Gigabit 10/100/1000 Unmanaged Ethernet Switches



Model Names	LNX-1002C-SFP Series	LNX-1002G-SFP Series
Specifications		
Total Port Count	10-Port	10-Port
Technology		
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x
Processing Type	Store and Forward	Store and Forward
Protocol	CSMA/CD	CSMA/CD
Switch Properties		
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet
Jumbo Frame Support	-	9.6Kbytes
MAC Table Size	8K	8K
Interface		
Ethernet Port	8*10/100Tx Auto MDI/MDI-X Connection	8*10/100/1000Tx Auto MDI/MDI-X Connection
Fiber Port	2*Gigabit Combo Ports (2*10/100/1000Tx or 2*100/1000 SFP Slot)	2*100/1000 SFP Slot
Wavelength	Refer to SFP Module	Refer to SFP Module
Protection		
EFT Protection	2,000 VDC for Power Line	2,000 VDC for Power Line
ESD Protection	6,000 VDC for Ethernet	6,000 VDC for Ethernet
Power Requirements		
Input Voltage	12~48VDC, Redundant Input	12~48VDC, Redundant Input
Overload Current Protection	Present	Present
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes
Power Consumption	9W	9W
Mechanical Characteristics		
Housing	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	46 x 142 x 99 mm	46 x 142 x 99 mm
Weight	2.5 lbs.	2.5 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits		
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals		
Green	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201 (Pending)	FCC, CE, UL-61010-2-201 (Pending)
Warranty	5 Years	5 Years

Industrial Gigabit 10/100/1000
Unmanaged Ethernet Switches

Model Names	LNX-1202G-SFP Series	LNX-1204G-SFP Series	LNX-1604G-SFP Series
Specifications			
Total Port Count	12-Port	12-Port	16-Port
Technology			
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x
Processing Type	Store and Forward	Store and Forward	Store and Forward
Protocol	CSMA/CD	CSMA/CD	CSMA/CD
Switch Properties			
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes
MAC Table Size	8K	8K	8K
Interface			
Ethernet Port	10*10/100/1000Tx Auto MDI/MDI-X Connection	8*10/100/1000Tx Auto MDI/MDI-X Connection	12*10/100/1000Tx Auto MDI/MDI-X Connection
Fiber Port	2*100/1000 SFP Slot	4*100/1000 SFP Slot	4*100/1000 SFP Slot
Wavelength	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Protection			
EFT Protection	2,000 VDC for Power Line	2,000 VDC for Power Line	2,000 VDC for Power Line
ESD Protection	6,000 VDC for Ethernet	6,000 VDC for Ethernet	6,000 VDC for Ethernet
Power Requirements			
Input Voltage	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input
Overload Current Protection	Present	Present	Present
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes
Power Consumption	15W	15W	18W
Mechanical Characteristics			
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	46 x 142 x 99 mm	46 x 142 x 99 mm	72 x 142 x 99 mm
Weight	2.5 lb	2.5 lb	3.0 lb
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits			
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals			
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201 (Pending)	FCC, CE, UL-61010-2-201 (Pending)	FCC, CE, UL-61010-2-201 (Pending)
Warranty	5 Years	5 Years	5 Years

Industrial Gigabit 10/100/1000 Unmanaged Ethernet Switches



Model Names	LNX-1802G Series	LNX-1804G-SFP Series	LNX-2602G-SFP Series
Specifications			
Total Port Count	18-Port	18-Port	26-Port
Technology			
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x
Processing Type	Store and Forward	Store and Forward	Store and Forward
Protocol	CSMA/CD	CSMA/CD	CSMA/CD
Switch Properties			
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes
MAC Table Size	8K	8K	8K
Interface			
Ethernet Port	16*10/100Tx Auto MDI/MDI-X Connection	14*10/100/1000Tx Auto MDI/MDI-X Connection	24*10/100/1000Tx Auto MDI/MDI-X Connection
Fiber Port	2*GigE Combo (RJ45/SFP)	4*100/1000 SFP Slot	2*100/1000 SFP Slot
Wavelength	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Protection			
EFT Protection	3,000 VDC for Power Line	2,000 VDC for Power Line	2,000 VDC for Power Line
ESD Protection	6,000 VDC for Ethernet	6,000 VDC for Ethernet	6,000 VDC for Ethernet
Power Requirements			
Input Voltage	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input
Overload Current Protection	Present	Present	Present
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes
Power Consumption	9W	20W	9W
Mechanical Characteristics			
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	72 x 152 x 105 mm	72 x 142 x 99 mm	440 x 280 x 44 mm
Weight	3.5 lbs.	3.5 lbs.	9.3 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	1U 19" Rackmount
Environmental Limits			
Operating Temperature	STD: -10 to 70C EOT: -40 to 80C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals			
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL	FCC, CE, UL-61010-2-201 (Pending)	FCC, CE, UL-61010-2-201 (Pending)
Warranty	5 Years	5 Years	5 Years

Industrial Gigabit 10/100/1000 Managed Ethernet Switches



Model Names	LMX-0501G-SFP Series	LMX-0601G-SFP Series	LMX-0800G Series	LNX-804GN Series
Specifications				
Total Port Count	5-Port	6-Port	8-Port	8-Port
Technology				
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q,
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMP, GVRP, SNMPv1/v2, DHCP Server/Client, TFTP, SNTP, SMTP, RMON, HTTP, Syslog, LLDP
Industrial Protocol	Modbus TCP	Modbus TCP	Modbus TCP	-
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes	-
MAC Table Size	8K	8K	8K	8K
Interface				
Ethernet Port	4*10/100/1000Tx Auto MDI/MDI-X Connection	5*10/100/1000Tx Auto MDI/MDI-X Connection	8*10/100/1000Tx Auto MDI/MDI-X Connection	4* 1000Tx Auto MDI/MDI-X Connection
Fiber Port	1*100/1000 SFP Slot	1*100/1000 SFP Slot	-	4*10/100/1000 SFP Slot
Wavelength	Refer to SFP Module	Refer to SFP Module	-	Refer to SFP Module
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Back Up Port	1*USB2.0	1*USB2.0	1*USB2.0	-
Network Management & Control				
System Configuration	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI Console
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, Ring Redundancy Recovery <20ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, Groups up to 256
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1,v2,v3. Up to 256 Multicast Groups & Query
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support	RADIUS Support
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements				
Input Voltage	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes	Yes
Power Consumption	10W	10W	15W	17W
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics				
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	54 x 142 x 99 mm	54 x 142 x 99 mm	75 x 152 x 105 mm
Weight	1.5 lbs.	1.5 lbs.	2.1 lbs.	2 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits				
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals				
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL, C1D2
Warranty	5 Years	5 Years	5 Years	5 Years



Industrial Gigabit 10/100/1000 Managed Ethernet Switches



Model Names	LMX-0802G-SFP Series	LMX-0804G-SFP Series	LNX-1002GN Series	LMX-1002C-SFP Series
Specifications				
Total Port Count	8-Port	8-Port	10-Port	10-Port
Technology				
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.3ad, 802.1d, 802.1p, 802.1Q, 802.1ab,	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTp, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTp, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, TFTP, SNTp, SMTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTp, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	Modbus TCP	Modbus TCP	-	Modbus TCP
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	-	-
MAC Table Size	8K	8K	8K	8K
Interface				
Ethernet Port	6*10/100/1000Tx Auto MDI/MDI-X Connection	4*10/100/1000Tx Auto MDI/MDI-X Connection	8*10/100Tx Auto MDI/MDI-X Connection	8*10/100Tx Auto MDI/MDI-X Connection
Fiber Port	2*100/1000 SFP Slots	4*100/1000 SFP Slot	2*1000 Combo Port (RJ45/SFP)	2*Gigabit Combo (2*RJ45/SFP)
Wavelength	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Back Up Port	1*USB2.0	1* USB2.0	-	1*USB2.0
Network Management & Control				
System Configuration	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI Console	Web Console, Telnet, CLI
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, Ring Redundancy Recovery <20ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, Groups up to 256	Port Based, Tag Based, 1 ~ 4094
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 groups	IGMP v1, v2 and Query Mode. Up to 256 groups	IGMP v1, v2 and Query Mode. Up to 256 groups	IGMP v1, v2 and Query Mode. Up to 256 groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support	RADIUS Support
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements				
Input Voltage	12~48VDC, Redundant Input	12~48VDC, Redundant Input	24~48VDC, Redundant Input	12~48VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes	Yes
Power Consumption	15W	15W	10.7W	15W
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics				
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	54 x 142 x 99 mm	72 x 152 x 105 mm	54 x 142 x 99 mm
Weight	2.2 lbs.	2.4 lbs.	2 lbs.	2.2 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits				
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 80C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals				
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL	FCC, CE, UL-61010-2-201(Pending)
Warranty	5 Years	5 Years	5 Years	5 Years

Industrial Gigabit 10/100/1000 Managed Ethernet Switches



Model Names	LMX-1002G-SFP Series	LNX-1212GN-SFP Series	LMX-1202G-SFP Series	LMX-1204G-SFP Series
Specifications				
Total Port Count	10-Port	12-Port	12-Port	12-Port
Technology				
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.3ad, 802.1d STP / IEEE802.1w, 802.1s, 802.1p, 802.1Q, 802.1ab,	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.1d, 802.1p, 802.1Q, ITU-T G.8032
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2/v3, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	Modbus TCP	-	Modbus TCP	Modbus TCP
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes	9.6Kbytes
MAC Table Size	8K	8K	8K	8K
Interface				
Ethernet Port	8*10/100/1000Tx Auto MDI/MDI-X Connection	8*GigE Combo Ports (10/100/1000Tx and 100/1000 SFP)	10*10/100/1000Tx Auto MDI/MDI-X Connection	8*10/100/1000Tx Auto MDI/MDI-X Connection
Fiber Port	2*100/1000 SFP Slots	4*100/1000 SFP Slots	2*100/1000 SFP Slots	4*100/1000 SFP Slots
Wavelength	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Back Up Port	1*USB2.0	-	1*USB2.0	1*USB2.0
Network Management & Control				
System Configuration	Web Console, Telnet, CLI	Web Console, Telnet, CLI Console	Web Console, Telnet, CLI	Web Console, Telnet, CLI
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP; Ring Redundancy Recovery <20ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, Groups up to 256	Port Based, Tag Based, 0~4094	Port Based, Tag Based, 1 ~ 4094
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 groups	IGMP v1,v2,v3 Up to 256 Multicast Groups & Query	IGMP v1, v2 and Query Mode. Up to 256 groups	IGMP v1, v2 and Query Mode. Up to 256 groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support	RADIUS Support
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements				
Input Voltage	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input	12~48VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes	Yes
Power Consumption	15W	22W	15W	15W
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics				
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	96.4 x 108.5 x 154 mm	54 x 142 x 99 mm	54 x 142 x 99 mm
Weight	2.2 lbs.	6.5 lbs.	2.2 lbs.	2.2 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits				
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 60C EOT: -40 to 70C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals				
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)
Warranty	5 Years	5 Years	5 Years	5 Years

Industrial 10/100 PoE Managed Switches



Model Names	LMP-0501 Series	LMP-0501-24 Series	LMP-0600 Series
Specifications			
Total Port Count	5-Port	5-Port	6-Port
Technology			
Standards	IEEE 802.3, 802.3u, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	ModbusTCP	ModbusTCP	ModbusTCP
MAC Table Size	8K	8K	8K
Interface			
Ethernet Port	4*10/100Tx (PoE/PoE+), Auto MDI Connection	4*10/100Tx (PoE/PoE+), Auto MDI Connection	6*10/100Tx (PoE/PoE+) Auto MDI Connection
PoE Pin Assignment	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)
Fiber Port	(SC/ST) 1*100Fx (Multi-Mode 2Km, Single-Mode 30Km)	(SC/ST) 1*100Fx (Multi-Mode 2Km, Single-Mode 30Km)	-
Wavelength	1301nm (Multi/Single-Mode)	1301nm (Multi/Single-Mode)	-
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Backup	USB	USB	USB
Network Management & Control			
System Configuration	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support
PoE Auto-Ping Check	Yes	Yes	Yes
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements			
Input Voltage	48~55VDC, Redundant Input	12~36VDC, Redundant Input	48~55VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes
PoE Power Output	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port
Power Consumption	130W	145W	130W
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics			
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	54 x 142 x 99 mm	54 x 142 x 99 mm
Weight	1.5 lbs.	1.5 lbs.	1.5 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits			
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals			
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)
Warranty	5 Years	5 Years	5 Years



Industrial 10/100 PoE Managed Switches



Model Names	LMP-0600-24 Series	LMP-0602 Series	LMP-0602-24 Series
Specifications			
Total Port Count	6-Port	6-Port	6-Port
Technology			
Standards	IEEE 802.3, 802.3u, 802.3x, 802.1d, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3x, 802.1d, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3x, 802.1d, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, STP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, STP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, STP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	ModbusTCP	ModbusTCP	ModbusTCP
MAC Table Size	8K	8K	8K
Interface			
Ethernet Port	4*10/100Tx (PoE/PoE+) + 2*10/100Tx Auto MDI Connection	4*10/100Tx (PoE/PoE+), Auto MDI Connection	4*10/100Tx (PoE/PoE+), Auto MDI Connection
PoE Pin Assignment	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)
Fiber Port	-	(SC/ST) 2*100F _x (Multi-Mode 2Km, Single-Mode 30Km)	(SC/ST) 2*100F _x (Multi-Mode 2Km, Single-Mode 30Km)
Wavelength	-	1310nm (Multi/Single Mode)	1310nm (Multi/Single Mode)
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Backup	USB	USB	USB
Network Management & Control			
System Configuration	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support
PoE Auto-Ping Check	Yes	Yes	Yes
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements			
Input Voltage	12~36VDC, Redundant Input	48~55VDC, Redundant Input	12~36VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes
PoE Power Output	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port
Power Consumption	145W	145W	145W
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics			
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	54 x 142 x 99 mm	54 x 142 x 99 mm
Weight	1.5 lbs.	1.5 lbs.	1.5 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits			
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals			
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)
Warranty	5 Years	5 Years	5 Years

Industrial 10/100/1000 PoE Managed Switches



Model Names	LMP-0601G-SFP Series	LMP-0601G-SFP-24 Series	LMP-0800G Series	LMP-0800G-24 Series
Specifications				
Total Port Count	6-Port	6-Port	8-Port	8-Port
Technology Standards	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	ModbusTCP	ModbusTCP	ModbusTCP	ModbusTCP
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes	9.6Kbytes
MAC Table Size	8K	8K	8K	8K
Interface				
Ethernet Port	4*10/100/1000Tx (PoE/PoE+) + 1*10/100/1000Tx Auto MDI Connection	4*10/100/1000Tx (PoE/PoE+) + 1*10/100/1000Tx Auto MDI Connection "	8*10/100/1000Tx (PoE/PoE+), Auto MDI Connection	8*10/100/1000Tx (PoE/PoE+), Auto MDI Connection
PoE Pin Assignment	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)
Fiber Port	1*100/1000 SFP Slot	1*100/1000 SFP Slot	-	-
Wavelength	Refer to SFP Module	Refer to SFP Module	-	-
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Backup	USB	USB	USB	USB
Network Management & Control				
System Configuration	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 groups	IGMP v1, v2 and Query Mode. Up to 256 groups	IGMP v1, v2 and Query Mode. Up to 256 groups	IGMP v1, v2 and Query Mode. Up to 256 Groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support	RADIUS Support
PoE Ping Alert	Yes	Yes	Yes	Yes
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements				
Input Voltage	48~55VDC, Redundant Input	12~36VDC, Redundant Input	48~55VDC, Redundant Input	12~36VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes	Yes
PoE Power Output	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port
Power Consumption	130W	145W	255W	190W @ 12VDC / 255W @ 36VDC
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics				
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	54 x 142 x 99 mm	54 x 142 x 99 mm	54 x 142 x 99 mm
Weight	1.5 lbs.	1.5 lbs.	2.1 lbs.	2.1 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits				
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals				
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)
Warranty	5 Years	5 Years	5 Years	5 Years



Industrial 10/100/1000 PoE Managed Switches



Model Names	LMP-0802G-SFP	LMP-0802G-SFP-24	LMP-0804G-SFP Series	LNP-1002GN Series
Specifications				
Total Port Count	10-Port	10-Port	8-Port	10-Port
Technology				
Standards	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, v ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.3ad, 802.1d STP / IEEE802.1w, 802.1p, 802.1Q, 802.1ab, 802.3af PoE
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, TFTP, SNMP, SMTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	ModbusTCP	ModbusTCP	ModbusTCP	-
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes	9.6Kbytes
MAC Table Size	8K	8K	8K	8K
Interface				
Ethernet Port	6*10/100/1000Tx (PoE/PoE+) Auto MDI Connection	6*10/100/1000Tx (PoE/PoE+) Auto MDI Connection	4*10/100/1000Tx (PoE/PoE+), Auto MDI Connection	8*10/100Tx (PoE/PoE+) Auto MDI/MDI-X Connection
PoE Pin Assignment	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)
Fiber Port	2*100/1000 SFP Slot	2*100/1000 SFP Slot	4*100/1000 SFP Slot	2*100/1000 Combo Port (RJ45/SFP)
Wavelength	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Backup	USB	USB	USB	-
Network Management & Control				
System Configuration	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console; Telnet; CLI Console
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, Ring Redundancy Recovery <20ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, Groups up to 256
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 GroupS	IGMP v1, v2 and Query Mode. Up to 256 Groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support	RADIUS Support
PoE Ping Alert	Yes	Yes	Yes	-
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements				
Input Voltage	48~55VDC, Redundant Input	48~55VDC, Redundant Input	48~55VDC, Redundant Input	48VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes	Yes
PoE Power Output	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port	Max 15.4W per PoE Port
Power Consumption	165W @48VDC / 195W @ 51~55VDC	165W @12VDC /195W @ 24~36VDC	135W	116W
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics				
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	54 x 142 x 99 mm	54 x 142 x 99 mm	72 x 152 x 105 mm
Weight	2.5 lbs.	2.5 lbs.	2.4 lbs.	2 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits				
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 60C EOT: -40 to 70C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals				
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL
Warranty	5 Years	5 Years	5 Years	5 Years

Industrial 10/100/1000 PoE Managed Switches



Model Names	LMP-1002C-SFP Series	LMP-1002C-SFP-24 Series	LMP-1002G-SFP Series	LMP-1002G-SFP-24 Series
Specifications				
Total Port Count	10-Port	10-Port	10-Port	10-Port
Technology				
Standards	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	ModbusTCP	ModbusTCP	ModbusTCP	ModbusTCP
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes	9.6Kbytes
MAC Table Size	8K	8K	8K	8K
Interface				
Ethernet Port	8*10/100Tx (PoE/PoE+) Auto MDI Connection	8*10/100Tx (PoE/PoE+) Auto MDI Connection	8*10/100/1000Tx (PoE/PoE+) Auto MDI Connection	8*10/100/1000Tx (PoE/PoE+) Auto MDI Connection
PoE Pin Assignment	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)
Fiber Port	2*100/1000 Combo Port (RJ45/SFP)	2*100/1000 Combo Port (RJ45/SFP)	2*100/1000 SFP Slot	2*100/1000 SFP Slot
Wavelength	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Backup	USB	USB	USB	USB
Network Management & Control				
System Configuration	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI	Web Console, Telnet, CLI
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support	RADIUS Support
PoE Ping Alert	Yes	Yes	Yes	Yes
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements				
Input Voltage	48~55VDC, Redundant Input	12~36VDC, Redundant Input	48~55VDC, Redundant Input	12~36VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes	Yes
PoE Power Output	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port
Power Consumption	255W	145W @12VDC / 200W @ 24VDC	215W @48VDC / 255W @ 51~55VDC	145W @ 12VDC / 200W @ 24VDC
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics				
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	54 x 142 x 99 mm	54 x 142 x 99 mm	54 x 142 x 99 mm
Weight	2.4 lbs.	2.4 lbs.	2.5 lbs.	2.5 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits				
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals				
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201 (Pending)	FCC, CE, UL-61010-2-201 (Pending)	FCC, CE, UL-61010-2-201 (Pending)	FCC, CE, UL-61010-2-201 (Pending)
Warranty	5 Years	5 Years	5 Years	5 Years



Industrial 10/100/1000 PoE Managed Switches



Model Names	LMP-1202G-SFP Series	LNP-1204GN Series	LMP-1204G-SFP Series	LMP-1604G-SFP Series
Specifications				
Total Port Count	12-Port	12-Port	12-Port	16-Port
Technology				
Standards	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.3ad, 802.1d STP / IEEE802.1w, 802.1s, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2/v3, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNTP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	ModbusTCP	ModbusTCP	ModbusTCP	ModbusTCP
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes	9.6Kbytes
MAC Table Size	8K	8K	8K	8K
Interface				
Ethernet Port	10*10/100/1000Tx (PoE/PoE+) Auto MDI Connection	8*10/100/1000Tx (PoE/PoE+)Auto MDI/MDI-X Connection	8*10/100/1000Tx (PoE/PoE+) Auto MDI Connection	12*10/100/1000Tx (PoE/PoE+), Auto MDI Connection
PoE Pin Assignment	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)
Fiber Port	2*100/1000 SFP Slots	4*1000 SFP Slots	4*100/1000 SFP Slots	4*100/1000 SFP Slots
Wavelength	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)	1*RS232 (RJ45 Port)
Configuration Backup	USB	-	USB	USB
Network Management & Control				
System Configuration	Web Console, Telnet, CLI	Web Console; Telnet; CLI Console	Web Console, Telnet, CLI	Web Console, Telnet, CLI
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP; Ring Redundancy Recovery <20ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, Groups up to 256	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, 1 ~ 4094
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support	RADIUS Support
PoE Ping Alert	Yes	-	Yes	Yes
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements				
Input Voltage	48~55VDC, Redundant Input	48VDC, Redundant Input	48~55VDC, Redundant Input	48~55VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes	Yes
PoE Power Output	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port	Max 30W per PoE Port
Power Consumption	215W @24VDC / 255W @ 48~55VDC	260W	215W @24VDC / 255W @ 48~55VDC	380W
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics				
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	54 x 142 x 99 mm	96.4 x 154 x 108.5 mm	54 x 142 x 99 mm	72 x 142 x 99 mm
Weight	2.5 lbs.	4.5 lbs.	2.5 lbs.	5 lbs.
Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting	DIN-Rail & Wall Mounting
Environmental Limits				
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 60C EOT: -40 to 70C	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals				
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL 508	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL-61010-2-201(Pending)
Warranty	5 Years	5 Years	5 Years	5 Years

Industrial 10/100/1000 PoE Managed Switches



Model Names	LMP-1804G-SFP Series	LNP-2602GN Series	LMP-2602G-SFP Series
Specifications			
Total Port Count	18-Port	6-Port	26-Port
Technology			
Standards	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032	IEEE 802.3, 802.3u, 802.3z, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1ab, 802.3at PoE+, ITU-T G.8032
Protocol	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP	IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, SNMP, RMON, HTTP, Telnet, Syslog, LLDP, IPv6, LACP
Industrial Protocol	ModbusTCP	ModbusTCP	ModbusTCP
Jumbo Frame Support	9.6Kbytes	9.6Kbytes	9.6Kbytes
MAC Table Size	8K	8K	8K
Interface			
Ethernet Port	12*10/100/1000Tx (PoE/PoE+), 2*10/100/1000Tx, Auto MDI Connection	24*10/100Tx (PoE) Auto MDI/MDI-X Connection	24*10/100/1000Tx (PoE/PoE+), Auto MDI Connection
PoE Pin Assignment	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)	Output Pin: 1,2 (V+), 3,6 (V-)
Fiber Port	4*100/1000 SFP Slots	2*1000 Combo Ports (RJ45/SFP)	4*100/1000 SFP Slots
Wavelength	Refer to SFP Module	Refer to SFP Module	Refer to SFP Module
Serial Console	1*RS232 (RJ45 Port)	1*RS232 (DB9M)	1*RS232 (RJ45 Port)
Configuration Backup	USB	-	USB
Network Management & Control			
System Configuration	Web Console, Telnet, CLI	Web Console; Telnet; CLI Console	Web Console, Telnet, CLI
Network Redundancy	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms	STP, RSTP, Ring Redundancy Recovery <20ms	STP, RSTP, MSTP G.8032 ERPS Ring Redundancy Recovery <50ms
IEEE 802.1Q VLAN	Port Based, Tag Based, 1 ~ 4094	Port Based, Tag Based, Groups up to 256	Port Based, Tag Based, 1 ~ 4094
QoS	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port	Provides 4 Priority Queues per Port
IGMP Snooping/GMRP	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups	IGMP v1, v2 and Query Mode. Up to 256 Groups
IEEE 802.1X Authentication	RADIUS Support	RADIUS Support	RADIUS Support
PoE Ping Alert	Yes	-	Yes
System Warning Email Alert	By Exception Through Email	By Exception Through Email	By Exception Through Email
Power Requirements			
Input Voltage	48~55VDC, Redundant Input	48VDC, Redundant Input	48~55VDC, Redundant Input
Connection	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes	Yes	Yes
PoE Power Output	Max 30W per PoE Port	Max 15.4W per PoE Port	Max 30W per PoE Port
Power Consumption	385W	375W	635W
Relay Alarm Contact	1A @ DC24V	1A @ DC24V	1A @ DC24V
Mechanical Characteristics			
Housing	Metal, IP30 Protection	Metal, IP30 Protection	Metal, IP30 Protection
Dimensions	72 x 142 x 99 mm	440 x 280 x 44 mm	72 x 142 x 99 mm
Weight	5 lbs.	9.3 lbs.	5 lbs.
Mounting	DIN-Rail & Wall Mounting	1U 19" Rackmount	DIN-Rail & Wall Mounting
Environmental Limits			
Operating Temperature	STD: -10 to 70C EOT: -40 to 75C	STD: -10 to 60C EOT: -40 to 70C	STD: -10 to 70C EOT: -40 to 75C
Storage Temperature	-40 to 85C	-40 to 85C	-40 to 85C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)	5 to 95%, (Non-Condensing)
Regulatory Approvals			
Green	RoHS Compliant	RoHS Compliant	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(Pending)	FCC, CE, UL	FCC, CE, UL-61010-2-201(Pending)
Warranty	5 Years	5 Years	5 Years