



## SPECIFICATIONS

| Technology                    |   |
|-------------------------------|---|
| L2 Switching                  | Port/MAC/Protocol/IP Subnet-based VLAN, VLAN trunking, GARP/GVRP, Loop Guard, Link Aggregation static/LACP, BPDU guard, Error disable recovery, IGMPv2 snooping, MLD snooping, IGMP filtering, IPMC throttling / filtering leave proxy, DHCP snooping, ARP, MEP, G.8032 v1/v2 |
| L3 Switching                  | DHCP option82, static routes  |
| QoS                           | 802.1p Queueing, Input priority mapping, Storm control for Unicast/Multicast/Broadcast, Port/Queue/ACL policer, Port egress shaper, Queue egress shaper, DiffServ (DSCP), Tag remarking, Scheduler mode   |
| Power Saving                  | ActiPHY, PerfectReach, IEEE 802.3az EEE power management  |
| Network Redundancy            | STP/RSTP/MSTP, port trunk with LACP, ERPS v1/v2 (<50ms)   |
| Configuration                 | Http, Https, Telnet, SSH, CLI, TFTP, SNMP v3  |
| System / Diagnostics          | Dual Image Protection, PING, PING6  |
| Switch Properties             |   |
| Back-Plane (Switching Fabric) | Non-blocking  |
| Priority Queues               | 8   |
| Processing Type               | Store and Forward   |
| Flow Control                  | IEEE 802.3x flow control, back pressure flow control  |
| Transfer Rate                 | 14,880pps for Ethernet Port<br>148,800pps for Fast Ethernet Port  |
| Memory Buffer                 | 4Mbits  |
| Jumbo Frame                   | 9.6Kbytes   |
| MAC Table Size                | 8K  |
| VLAN Group                    | 4095  |
| IGMP Group                    | 1024  |
| Port Interface                |   |
| Ethernet Port                 | 4*10/100Base-TX, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection   |
| Fiber Port                    | 2*100Base-FX SC/ST type connector   |
| RS232 Serial Console          | 1*RS232 in RJ45   |
| LED Indicators                | System: Power 1, Power 2, Master, Ring, Fault<br>Ethernet Ports: Speed/Link/Active<br>Fixed Fiber: Link/Active  |
| Protection                    |   |
| Network Cable                 | 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable<br>EIA/TIA-568 100-ohm (100m)<br>100Base-TX: 2-pair UTP/STP Cat. 5 cable<br>EIA/TIA-568 100-ohm (100m)  |
| Mechanical Characteristics    |   |
| Housing                       | Metal, IP30 protection  |
| Dimensions                    | 54 x 142 x 99 mm (W x H x D)  |
| Weight                        | Unit: 1.9 lbs<br>Shipping: 2.7 lbs  |
| Mounting                      | DIN-Rail, Wall-mount (Optional)   |
| Power Requirement             |   |
| Input Voltage                 | 48~55VDC Redundant Input  |
| Power Connection              | 1 removable 6-contact terminal block  |
| Relay Contact                 | 24VDC, 1A resistive   |
| Overload Current Protection   | Present   |
| Reverse Polarity Protection   | Present   |
| PoE Pin Assignment            | V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI Alter)   |
| PoE Power Output              | 25W @ 48VDC (per PoE port)<br>30W @ 51~55VDC (per PoE port)   |
| Power Consumption             | 7.5W  |
| Environmental Limits          |   |
| Operating Temperature         | STD: -10°C to 70°C<br>EOT: -40°C to 75°C  |
| Storage Temperature           | -40°C to 85°C   |
| Ambient Relative Humidity     | 5% to 95%, (non-condensing)   |
| Regulatory Approvals          |   |
| EMI                           | FCC Part 15 Subpart B Class A,<br>CE EN55022/EN61000-6-4 Class A  |
| EMS                           | CE EN55024/EN61000-6-2 Class A,<br>IEC61000-4-2,3,4,5,6,8   |
| Free Fall / Shock / Vibration | IEC60068-2-32 / IEC60068-2-27 / IEC60068-2-6  |
| Green                         | RoHS Compliant  |
| Certifications                | FCC, CE   |
| Warranty                      | 5 Years   |

## ORDERING INFO

|                     |   |
|---------------------|---|
| LMP-0602-M-V2       | 6-Port Industrial PoE+ Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode 2Km, 48~55VDC Power Input; Version 2 Hardware                       |
| LMP-0602-M-T-V2     | 6-Port Industrial PoE+ Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode 2Km, 48~55VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C   |
| LMP-0602-S3-V2      | 6-Port Industrial PoE+ Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Single-Mode 30Km, 48~55VDC Power Input; Version 2 Hardware                     |
| LMP-0602-S3-T-V2    | 6-Port Industrial PoE+ Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Single-Mode 30Km, 48~55VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C |
| LMP-0602-ST-M-V2    | 6-Port Industrial PoE+ Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode 2Km, 48~55VDC Power Input; Version 2 Hardware                       |
| LMP-0602-ST-M-T-V2  | 6-Port Industrial PoE+ Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode 2Km, 48~55VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C   |
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