



# LCS-16GS-P

**16-Port Cloud Managed PoE Switch  
with 250 W PoE Budget**



# DATASHEET

| Overview                            |   |   |
|-------------------------------------|---|---|
| <b>Dimensions</b>                   | 300 mm x 223 mm x 43.6 mm (11.81 in. x 8.78 in. x 1.72 in.)                                       |   |
| <b>Weight</b>                       | 2.12 kg (4.67 lbs) (without packaging materials)<br>2.80 kg (6.17 lbs) (with packaging materials) |   |
| <b>Port Specifications</b>          | Number of 1GbE RJ45 ports   | 18  |
|                                     | Number of 100/1000Mbps/2.5Gbps RJ45 Ports   | –   |
|                                     | Number of 1G SFP ports  | 2   |
|                                     | Number of 10G SFP+ ports  | –   |
| <b>PoE Specifications</b>           | Number of PoE/PoE+ Out ports  | 16  |
|                                     | Number of PoE/PoE+/PoE+ + Out ports   | –   |
|                                     | PoE budget  | 250 W   |
|                                     | PoE power pins  | 1–2 (+), 3–6 (-)  |
| <b>Enclosure Material</b>           | Metal   |   |
| <b>Mounting</b>                     | Rack/Desk   |   |
| <b>Warranty</b>                     | 3 years   |   |
| Hardware                            |   |   |
| <b>System Specifications</b>        | Switching capacity  | 40 Gbps(bit/s)  |
|                                     | Forwarding rate   | 29.7 Mpps   |
|                                     | Buffer size   | 4.1 Mbit  |
|                                     | CPU   | Single-core processor, 500 MHz clock frequency  |
|                                     | Flash memory  | 8 MB  |
| <b>System Performance Capacity</b>  | Recommended camera limit  | 200W H265: 80<br>400W H265: 40  |
| <b>Power supply and Consumption</b> | Power method  | 220 V AC power supply:<br><ul style="list-style-type: none"> <li>Rated input voltage: 100 V AC to 240 V AC, 50 Hz to 60 Hz</li> <li>Maximum input voltage: 90 V AC to 264 V AC, 47 Hz to 63 Hz</li> <li>Rated input current: 4.5 A</li> </ul> |
|                                     | Max. Power Consumption  | 15 W (with no PoE load)<br>265 W (with PoE full load)   |
|                                     | Heat Dissipation  | 51.3 BTU/hr (220 V/50 Hz), with no PoE load<br>904.3 BTU/hr (220 V/50 Hz), with PoE full load   |
| <b>Environment and Reliability</b>  | Surge protection  | Service port: ±4 kV for common mode<br>Power connector: ±6 kV for common mode and ±6 kV for differential mode   |
|                                     | Operating temperature   | 0°C to 40°C (32°F to 104°F)   |



|  |  |  |
|--|--|--|
|  | Storage temperature  | -40°C to +70°C (-40°F to +158°F)                     |
|  | Operating humidity   | 10% RH to 90% RH (non-condensing)                    |
|  | Storage humidity   | 5% RH to 95% RH (non-condensing)                     |
|  | Fan  | 1 x fixed fan  |
|  | Cooling  | Air cooling, left-to-right airflow                   |
|  | Altitude   | -500 m to +5,000 m (-1,640.42 ft. to +16,404.20 ft.) |
|  | MTBF   | 200,000 hours  |
|  | ESD protection   | Air discharge: 8 kV<br>Contact discharge: 6 kV       |
| <b>Software</b>                          |  |  |
| <b>Basic Configurations</b>              | PoE watchdog   | YES  |
|  | Online upgrade   | YES  |
| <b>Interface</b>                         | Jumbo frame length (MTU)                                     | 10000 bytes  |
|  | EEE  | YES  |
|  | Cable test   | YES  |
| <b>Ethernet Switching</b>                | Maximum number of VLANs                                      | 16   |
|  | Maximum number of MAC address entries                        | 8000   |
|  | VLAN configuration supported on LAN ports                    | YES  |
|  | IEEE 802.1Q VLAN   | YES  |
|  | Static MAC address   | YES  |
|  | Interface flow control                                       | YES  |
|  | Inbound or outbound rate limiting based on interface traffic | YES  |
| <b>IP Service</b>                        | DNS client   | YES  |
|  | DHCP client  | YES  |
| <b>Security</b>                          | Port isolation   | YES  |
|  | Broadcast storm control                                      | YES  |
|  | Multicast storm control                                      | YES  |
|  | Unknown unicast storm control                                | YES  |
|  | CPU Protection Policy  | YES  |
|  | DHCP snooping  | YES  |
| <b>Network Management and Monitoring</b> | Web management   | YES  |
|  | Cloud management   | YES  |
|  | App management   | YES  |
|  | Mirroring  | YES  |



|  |                         |  |
|--|-------------------------|--|
|  | Self-Organizing Network | YES  |
|  | Camera detection        | YES  |
| <b>Compliance and Standard</b>                 |                         |  |
| <b>Certification and Regulatory Compliance</b> | NDA A Complain          | YES  |
|  | EMC                     | EN 55032<br>EN 61000-3-2<br>EN 61000-3-3<br>EN 55035<br>EN 300 386 |
|  | Safety compliance       | EN 62638-1   |
|  | Certification           | CE, FCC  |
|  |                         |  |
| <b>Package Contents</b>                        |                         |  |
| <b>Device</b>                                  | Device                  | 1  |
| <b>Manual</b>                                  | User Manual             | 1  |
|  | Warranty Card           | 1  |



Lysoi<sup>ra</sup>



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