



## LCS-4GS-P

**4-Port Cloud Managed PoE Switch  
with 54 W PoE Budget**



# DATASHEET

Overview		
<b>Dimensions</b>	148mm x 78 mm x 26 mm (5.83 in. x 3.07 in. x 1.02 in.)	
<b>Weight</b>	0.31 kg (0.68 lbs) (without packaging materials) 1.07 kg (2.36 lbs) (with packaging materials)	
<b>Port Specifications</b>	Number of 1GbE RJ45 ports	6
	Number of 100/1000Mbps/2.5Gbps RJ45 Ports	–
	Number of 1G SFP ports	1
	Number of 10G SFP+ ports	–
<b>PoE Specifications</b>	Number of PoE/PoE+ Out ports	4
	Number of PoE/PoE+/PoE+ + Out ports	–
	PoE budget	54 W
	PoE power pins	1–2 (+), 3–6 (-)
<b>Enclosure Material</b>	Metal	
<b>Mounting</b>	Wall/Desk	
<b>Warranty</b>	3 years	
Hardware		
<b>System Specifications</b>	Switching capacity	12 Gbps(bit/s)
	Forwarding rate	8.9 Mpps
	Buffer size	1.5 Mbit
	CPU	Single-core processor, 62.5 MHz clock frequency
	Flash memory	4 MB
<b>System Performance Capacity</b>	Recommended camera limit	200W H265: 40 400W H265: 20
<b>Power supply and Consumption</b>	Power Method	DC adapter: <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: 1.5 A</li> </ul> Output: <ul style="list-style-type: none"> <li>Rated output voltage: 54 V DC</li> <li>Maximum output current: 1.11 A</li> </ul>
	Max. Power Consumption	6 W (with no PoE load) 60 W (with PoE full load)
	Heat Dissipation	20.52 BTU/hr (220 V/50 Hz), with no PoE load 205.2 BTU/hr (220 V/50 Hz), with PoE full load



<b>Environment and Reliability</b>	Surge protection	Service port: ±6 kV for common mode Power connector: ±4 kV for common mode and ±2 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	Fanless design
	Cooling	Natural cooling
	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 Contact discharge: 6 kV
<b>Software</b>		
<b>Basic Configurations</b>	PoE watchdog	YES
	Online upgrade	YES
<b>Interface</b>	Jumbo frame length (MTU)	9216 bytes
	EEE	YES
	Cable test	YES
<b>Ethernet Switching</b>	Maximum number of VLANs	16
	Maximum number of MAC address entries	2000
	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</b>	Web management	YES



<b>Management and Monitoring</b>	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>	NDAА Complain	YES
	EMC	EN 55032 EN 61000-3-2 EN 61000-3-3 EN 55035 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>



**Deliver Intelligent Networks**