



LCS-16GS-P

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



Overview		
Dimensions	300 mm x 223 mm x 43.6 mm (11.81 in. x 8.78 in. x 1.72 in.)	
Weight	2.12 kg (4.67 lbs) (without packaging materials) 2.80 kg (6.17 lbs) (with packaging materials)	
Port Specifications	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	–
PoE Specifications	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 (-)
Enclosure Material	Metal	
Mounting	Rack/Desk	
Warranty	3 years	
Hardware		
System Specifications	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
System Performance Capacity	Recommended camera limit	200W H265: 80 400W H265: 40
Power supply and Consumption	Power method	220 V AC power supply: • Rated input voltage: 100 V AC to 240 V AC, 50 Hz to 60 Hz • Maximum input voltage: 90 V AC to 264 V AC, 47 Hz to 63 Hz • Rated input current: 4.5 A
	Max. Power Consumption	15 W (with no PoE load) 265 W (with PoE full load)
	Heat Dissipation	51.3 BTU/hr (220 V/50 Hz), with no PoE load 904.3 BTU/hr (220 V/50 Hz), with PoE full load
Environment and Reliability	Surge protection	Service port: ±4 kV for common mode 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 Contact discharge: 6 kV
Software		
Basic Configurations	PoE watchdog	YES
	Online upgrade	YES
Interface	Jumbo frame length (MTU)	10000 bytes
	EEE	YES
	Cable test	YES
Ethernet Switching	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
IP Service	DNS client	YES
	DHCP client	YES
Security	Port isolation	YES
	Broadcast storm control	YES
	Multicast storm control	YES
	Unknown unicast storm control	YES
	CPU Protection Policy	YES
	DHCP snooping	YES
Network Management and Monitoring	Web management	YES
	Cloud management	YES
	App management	YES
	Mirroring	YES



	Self-Organizing Network	YES
	Camera detection	YES
Compliance and Standard		
Certification and Regulatory Compliance	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
Package Contents		
Device	Device	1
Manual	User Manual	1
	Warranty Card	1



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