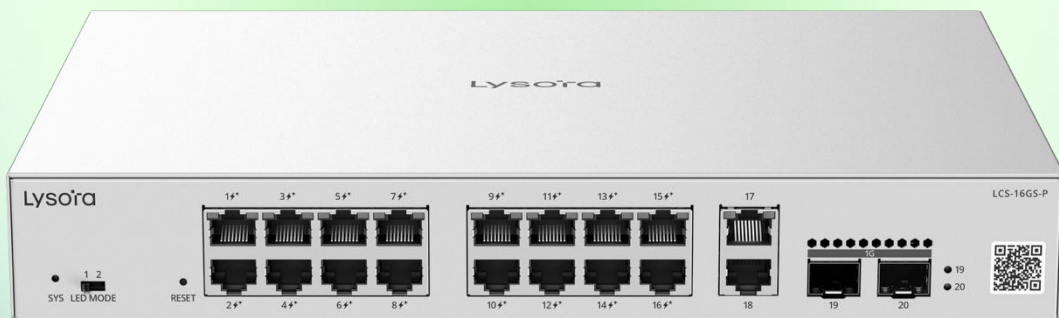




LCS-16GS-P

**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	Total number of RJ45 ports	18
	Total number of optical ports	2
	Number of 1GE combo ports	-
	Number of 1GE SFP ports	2
	Number of 10GE SFP+ ports	-
	Number of 10/100BASE-T ports	-
	Number of 10/100/1000BASE-T ports	18
	Number of 10/100/1000/2500BASE-T ports	-
	Number of 100/1000/2.5G/5G/10GBASE-T 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 Type	Rack/Desk	
Warranty	3 years	
Hardware		
System Specifications	Switching capacity	40 Gbps(bit/s)

Overview

	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	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.)



Overview

	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

Overview

	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	NDAA Complain	Yes
	EMC	For Canada: ICES-003 Issue 7 For United States: FCC 47 CFR Part 15 Subpart B For India TEC Certification: TEC/SD/DD/EMC-221/05/OCT-16, IEC 61000-4-5:2014+AMD1:2017, IEC 61000-4-6:2023, IEC 61000-4-4:2012, IEC 61000-4-2:2008, CISPR 32:2015+AMD1:2019, IEC 61000-4-3:2020, IEC 61000-4-11:2020
	Safety	For United States and Canada: UL 62368-1:2019 R10.21 CSA C22.2 No. 62368-1: 2019 For India TEC Certification: IS 13252 (Part 1): 2010+A1: 2013+A2: 2015
	Functional (Only for India TEC	TEC37942410 & Annexures to ERs No

Overview

	Certification)	TEC/SD/DD/TCP-222/2.29/December 2025
	Certification	FCC, ISED, cTUVus, TEC

Package Contents

Device	Device	1
Manual	User Manual	1
	Warranty Card	1
Accessories	Rubber pad	4
	Power cord retention clip	-
	Screw	6 x M3 x 6 mm cross recessed countersunk head screws
	Grounding cable	-
	Power cord	1 x 1.8 m (5.91 ft.)
	Rack-mount bracket	2

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