



ikings Technology

SUG1810CP series

Unmanaged Ethernet Switch

KEY FEATURES

- 16*10/100/1000Base-TX RJ45 PoE and 2*10/100/1000Base-TX RJ45 uplink and 1*1000Base-X SFP ports
- Extended PoE and Ethernet transmission up to 250 meters
- Supports IEEE 802.3af/at PoE, up to 30W per port
- 38Gbps Switching bandwidth
- Electric up to 4KV surge protection
- Inbuilt AC/DC Power supply
- Metal compact case, no fan design
- Standalone or Wallmount
- 3 years warranty



INTRODUCTION

The SUG1810CP-S9 Ethernet Switch comes with 16 * 10/100/1000Mbps RJ45 PoE and 2*10/100/1000Mbps RJ45 uplink and 1 * 1000Base-X SFP ports. 1-16 ports provides PoE as Power Sourcing Equipment (PSE) up to 30W per port, with total 280W PoE budget. Inbuilt PoE & Ethernet extender function allows signals to be transmitted & received up to 250meters. High, 38Gbps Switching bandwidth ensures seamless switch performance on it's all 19 ports at maximum speed without any delays. Housed in compact metal enclosure, with inbuilt power supply, no fan design and PoE ports makes those Ethernet switches a perfect choice for small to medium scale video surveillance and other installations.

SPECIFICATIONS

Model	SUG1810CP-S9
Ports	
RJ45 ports and speed	18 * 10/100/1000Base-TX
Fiber ports and speed	1 * 1000Base-X SFP
DIP switch	250m Extended Ethernet (ports 1-16)
Ethernet	
Processing type	Store and Forward
Switching Bandwidth	38Gbps
Packet Forwarding	28.27Mpps
Packet Buffer	1Mb
MAC Address Table	2K

Model	SUG1810CP-S9
PoE	Ports 1-16: IEEE 802.3af/at, max output 30W per port (280W Total)
Standards	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
Environmental	
Operating Temperature	0°C ~ +50°C
Storage Temperature	-20°C ~ +70°C
Relative Humidity	0 ~ 90% non-condensing
MTBF	410.000h
Electrical and Physical	
Power Input	100~240VAC
Max Power consumption	300W (20W without PoE)
Case	Metal case
Cooling	Natural cooling, no fan design
Dimensions (H * D * W)	45 * 183 * 310mm
Weight	~2.2kg
Mounting	Standalone
Certifications	
Standards	CE 2014/30/EU EMC, EN 55032:2015/A11:2020, EN 55035:2017/A11:2020 EN 61000-3-2:2019/A2:2024, EN 61000-3-3:2013/A2:2021/AC:2022-01 EN 61000-4-2:2009, EN 61000-4-3:2020, EN 61000-4-4:2012 EN 61000-4-5:2014/A1:2017, EN 61000-4-6:2023 CE 2014/35/EU LVD, EN IEC 62368-1:2024 FCC Part 15, Subpart B:2016, ANSI C63.4:2014 RoHS 2011/65/EU, (EU) 2015/863, (EU) 2017/2102

ORDERING INFORMATION

Model name	Description
SUG1810CP-S9	Unmanaged Switch 16*10/100/1000Base-TX RJ45 PoE and 2*10/100/1000Base-TX RJ45 uplink and 1*1000Base-X SFP ports, 100~240VAC input, Standalone

OTHER

SFP modules are not included and to be purchased separately