Model: OUS-24GP-2G1F
Series: ORION

24 Port 10/100/1000Mbps + 2 Port 100/1000Mbps + 1 Port 100/1000 SFP Uplink,
Supports 300W PoE

Made in India
Made in India

OVERVIEW

The OUS-24GP-2G1F is a 10/100/1000 Mbps unmanaged PoE switch with 2x10/100/1000Mbps Ethernet and 1x100/1000 SFP uplink ports specially tuned for surveillance solutions, which provides twenty four DATA+PoE ports and two-gigabit data ports for up-link. Ports 1-24 follow the 802.3af/at standard and support maximum power output of 30w from each port. The PoE ports of the switch can automatically detect and supply power to the PD devices that comply with the 802.3af/at standard. In addition, the switch supports auto-negotiating traffic control functions and is compatible with terminal devices of 10Mbps,100Mbps and 1000Mbps.

Orion OUS-24GP-2G1F is usually used to provide power and data transmission for IP cameras.

OUS-24GP-2G1F adopts a plug-and-play design, which eliminates the need for software configuration, which greatly facilitates the installation and use of digital monitoring and wireless coverage. In particular, the switch provides a set of DIP switches for easy transition between shared or port isolation modes. In the port isolation mode, 1-24 ports cannot communicate with each other but transmit output data only through ports 25-27. This mode can effectively suppress the generation of broadcast storms.

- IEEE 802.3, IEEE 802.3u, IEEE 802.3af/at PoE compliant.
- Support PoE IP cameras, PoE WIFI AP, and PoE IP phones.
- Flow Control, Full-duplex, IEEE 802.3x, Half-duplex, back pressure.
- All ports support wire-speed switching and jumbo frame transmission.
- Supports upstream ports lightning protection.
- Enhanced Dynamic power control to ensure stable output power.
- Enhanced Improved anti-interference capability, to solve problems in the installation of grounding devices.
- Enhanced Reliable short-circuit protection to ensure safety.
- Over-voltage and under-voltage protection.

FEATURES

- Complies with IEEE 802.3, 802.3i, 802.3u, 802.3x, 802.3q, 802.3af/at specifications.
- 2*10/100/1000Mbps uplink ports, support for auto-negotiation.
- 1*100/1000Mbps SFP uplink ports
- 24*100/1000Mbps PoE ports, support 802.3af/at standard, maximum 30w power output.
- PoE power budget 300w.
- Ideal for small installations of 24 PoE IP Cameras
- Store-and-Forward transmission mode.
- Auto MDI-X function, self-adjusting straight-through line, cross-line connection.
- Plug-and-play, simple set up with no software or configuration needed
- Quiet operation, energy efficient and sturdy metal case for anywhere quality installation
- 8K Mac address table
- Port status LEDs

SPECIFICATIONS

Product Description	24 Port 100/1000Mbps + 2 Port 10/100/1000Mbps and 1 Port 100/1000Mbps SFP Uplink Port, with 300W PoE
Model Name	OUS-24GP-2G1F
Product Family	ORION
Warranty	2 Year
Port Configuration	
100M/1000M RJ45 Port	24
100M/1000M Uplink RJ45 Port	2
100M/1000M Uplink SFP Port	1
HW Performance	
Switching Bandwidth	54 G
Exchange Mechanism	Store & Forward
MAC Address	8K
Environmental Specification	
Operating Temperature	Working Temperature:0-45
Operating Humidity	10%-90% RH non-condensing
Storage Temperature	Storage temperature: -40-+70
Storage Humidity	5%-90% RH non-condensing
Mechanical Specification	
Dimensions (H) x (W) x (D) mm	310*190*45
Weight	2kg
FAN Less	Y
Power Source	
AC Input	AC input 100~240V 50~60Hz internal power supply
PoE	
IEEE802.3af/at	Y
MAX 30W	Y
Maximum PoE Budget	300W
Smart AI for PoE devices	N

Network protocol	
IEEE 802.3X	Y
IEEE 802.3i 10BASE-TX	Y
IEEE 802.3u 100BASE-TX	Y
IEEE 802.3af /IEEE 802.3at	Y
IEEE 802.3x Flow control	Y
Distance	
Normal Mode	100 meters
CCVT or Extended Mode	NA
VLAN	
VLAN Isolation	Y
Speed	
Ethernet 10Mbps half-duplex, 20Mbps full-duplex	Y
Fast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex	Y
Network Media	
10Base-T: Pair 2 Category 3(cat 3) and above UTP/STP(100m)	Y
100Base-TX: Pair 2 Category 5(cat 5) and above UTP/STP(100m)	Y
Safety Regulations	
EN	Y
CE	Y
RoHS Compliant	Y
BSMI	Y
*All specifications are subject to change without notice.	

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GOING BEYOND VISION

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