Model: OUS-16EP-2G1F
Series: ORION

16 Port 10/100Mbps + 2 Port 100/1000Mbps + 1 Port 100/1000 SFP Uplink,
Supports 250 Meters with 200W PoE.

Made in India
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OVERVIEW

The OUS-16EP-2G1F is a 10/100 Mbps unmanaged PoE switch with 2x10/100/1000Mbps Ethernet and 1x100/1000 SFP uplink ports specially tuned for surveillance solutions, which provides Sixteen DATA+PoE ports and two-gigabit data ports for up-link. Ports 1-16 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-16EP-2G1F is usually used to provide power and data transmission for IP cameras.

OUS-16EP-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, 1-16 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
- 16*100 Mbps PoE ports, support 802.3af/at standard, maximum 30w power output.
- PoE power budget 200w.
- 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
- 4K Mac address table
- Port status LEDs

SPECIFICATIONS

Model	OUS-16EP-2G-1F
PoE Ports	16FE
Uplink Ports RJ45 Ports	2 GE
SFP Fiber Port	1
VLAN Isolation	√
SUPM Mode(250m)	√
Max Transmission Distance	250m
Total Power Budget	200w
Switching Capacity	9.2G
Transmission Method	Store and forward
Power Input	100~240V AC, 50-60 Hz
PoE Standard	IEEE 802.3af, IEEE 802.3at
Power Output	Up to 30W per port
Pin Assignment	1/2(+), 3/6(-)
PSE Type	End-Span
Temperature	Working: -20°~65°C, Storage: -40°~70°C
Humidity (Non-condensing)	Working: 10~90%, Storage: 5~95%
Network protocol	IEEE 802.3, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3af/at, IEEE 802.1q
Certifications	CE, RoHS
Product Dimension (L*W*H/mm)	310*190*45
Weight(kgs)	2

*All specifications are subject to change without prior notice.

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GOING BEYOND VISION

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