

ES326FS Managed Industrial Switch Series



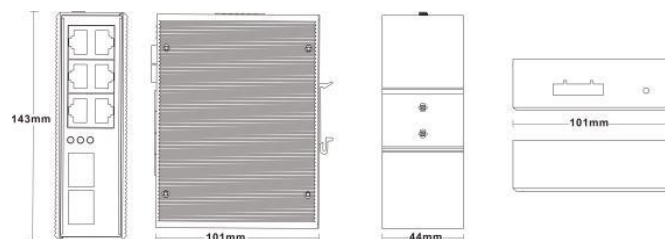
- Support IGMP Snooping and GMRP filtering multicast packets
- Support Port-based VLAN port, IEEE 802.1Q VLAN and GVRP protocol, simple network planning
- Support QoS (IEEE 802.1p/1Q) and TOS/DiffServ to increase network stability
- Support STP/Rstp, SNMPv1/v2/v3, and ensure network security
- Support port mirroring for easy online debugging
- Supports port rate limiting, broadcast storm suppression, multicast storm suppression, and unknown unicast storm suppression.
- Security management: support ACL access control list, support 802.1X, support user hierarchical management
- Management function: support WEB, SNMP management mode
- Monitoring and maintenance: support port mirroring, interface status monitoring, log management.

© Introduction

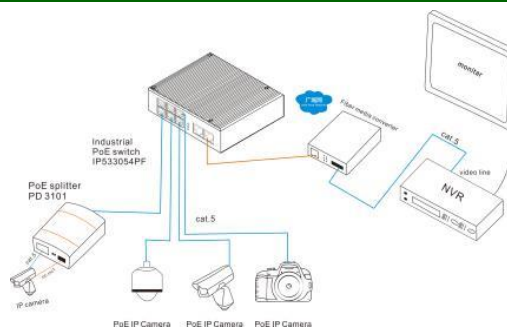
ODOT-ES326FS series network management industrial Ethernet switches, products comply with FCC, CE, ROHS standards. Supports 2 100Mbps optical ports and 6 100Mbps ethernet ports to support the Ethernet Layer 2 protocol required by the industrial site to ensure the stability of the communication network. The switches adopt low-power, fan-less design to ensure noise-free interference. At the same time, it supports -40~85° C working temperature and good EMC electromagnetic compatibility, ensuring stable operation in harsh industrial environment, and establishing fast and stable network terminal for industrial applications such as factory automation, intelligent transportation and video surveillance.

©Dimension

L x W x H (mm): 143 x 101x 44mm



©Application





©Specifications

Product Name:

Managed Industrial Switch

P/N:

ODOT-ODOT-ES326FS Series

Ports:

6 RJ45 +2 Fiber Port

RJ45:

10/100M Automatic detection

Full/half duplex MDI/MDI-X adaptive

Fiber Port:

100BaseFX (SC/FC/ST Optional)

Ethernet Standard:

IEEE802.3-10BaseT、IEEE802.3u-100BaseTX/100Base-FX、
IEEE802.3x-Flow Control、IEEE802.3z-1000BaseLX、
IEEE802.3ab-1000BaseTX、IEEE802.1ab Logical link
discovery protocol
IEEE802.1D-Spanning Tree Protocol、IEEE802.1w-Rapid
Spanning Tree Protocol、APS
IEEE802.1Q-VLAN Tagging、IEEE802.1p-Class of Service、

Safety:

Support IEEE 802.1x Support HTTP

Support RADIUS

Support user rating

Support MAC address binding 管理与维护:

Support Console, WEB management method

Support SNMPv1/v2/v3

Power:

Input Power: DC12-48V (Dual power redundancy backup)

Access terminal: Phoenix terminal

Support built-in overcurrent 4.0A protection

Support reverse connection protection

Mechanical:

Shield: IP40, metal

Install: DIN-rail, wall-mounting

Heat dissipation method: Fan-less

Dimension: 143×101×44mm

Weight: 0.64g

Redundancy technology:

Support STP/RSTP/MSTP

Standard:

EMI: FCC Part 15 Subpart B Class A, EN 55022 Class

EMS :IEC(EN)61000-4-2(ESD):±8kV Contact discharge, ±15kVAir discharge

IEC(EN)61000-4-3(RS):10V/m(80~1000MHz)

IEC(EN)61000-4-4(EFT):Power cable:±4kV;Data line:±2kV

IEC(EN)61000-4-5(Surge):Power cable:±4kV CM/±2kV DM; Data line:±2kV

IEC(EN)61000-4-6(Radio frequency conduction):3V(10kHz~

150kHz), 10V(150kHz~80MHz)

IEC(EN)61000-4-16(Common mode conduction):30V cont. 300V, 1s

IEC(EN)61000-4-8 Shock: IEC 60068-2-27

Freefall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Properties:

Level : L2

Total backplane bandwidth: 2.8Gbps Priority queue: 8

VLAN ID Range: 1 ~ 4094 Multicast master number: 512

MAC Address table size: 2K Packet buffer size: 1Mbits

Delay<5us Power consumption: 5W

Multicast technology:

Support IGMP v1/v2/v3、IGMP snooping

Support GMRP, support static multicast

Switching function:

Support port rate limit Support port aggregation Support port flow
control

Support port VLAN、IEEE 802.1Q VLAN

Support broadcast storm suppression

LED indicator:

Power : PWR

Ports : ethernet port、optical oprt (Link/ACT)

Protection level:

IP40

Certification:

CE、FCC、ROHS、ISO9001: 2008

Ministry of Public Security Inspection Report

Safety: UL508

Mean time between failures:

300,000 Hours

Warranty:

5 years



©Ordering Information

P/N		Description
ODOT-ES326FS-SC2		2 100Mbps optical port+ 6 100Mbps Ethernet port, SC interface, multimode dual fiber, 2km, DIN-rail, DC12-48V power supply - wide temperature (-40° C-85° C)
ODOT-ES326FS-SC20		2 100Mbps optical port+ 6 100Mbps Ethernet port, SC interface, Single mode dual fiber, 20 km, DIN-rail, DC12-48V power supply - wide temperature (-40° C-85° C)
ODOT-ES326FS-SC20A/B		2 100Mbps optical port+ 6 100Mbps Ethernet port, SC interface, Single mode single fiber, 20 km, DIN-rail, DC12-48V power supply - wide temperature (-40° C-85° C)
ODOT-ES326FS-FC20A/B		2 100Mbps optical port+ 6 100Mbps Ethernet port, FC interface, Single mode single fiber, 20 km, DIN-rail, DC12-48V power supply - wide temperature (-40° C-85° C)
Power Adapter	ZX5121-DC	12V/1A, Suitable for non-POE industrial switch product lines.
	ZX5241-DC	24V/1A, Suitable for non-POE industrial switch product lines.
	ZX5481-DC	48V/1A, Suitable for 1-port POE power supply and non-POE industrial switch product series