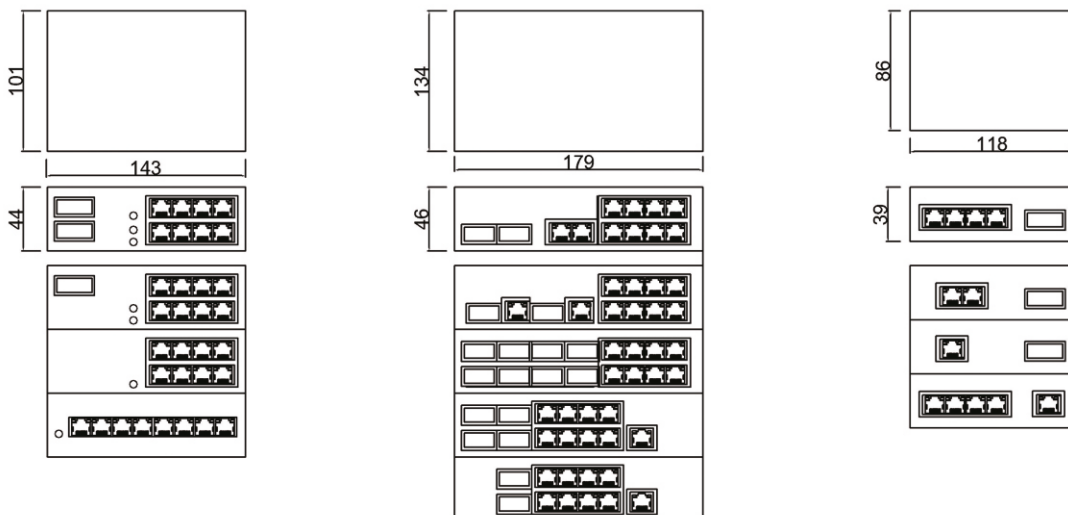# ODOT-ES3 Series

Industrial Ethernet Switch

- Industrial Transceiver
- L2 Industrial POE switch
- L2 unmanaged Industrial Switch
- L2 managed Industrial Switch
- Working temperature: -40~85 degrees
- Metal shell

Profile

Industrial Ethernet switches are used to set up backbone networks in different automation systems, such as substation integrated automation system, intelligent transportation system, and other major industrial automation projects. ODOT company provides various different types and different specification of managed and Unmanaged Ethernet switches (ODOT -ES3 series) to adapt to needs of different systems. IP protection level is IP 20. Product shell is made of metal. Support rail mounting.

Size

Specification

Selection table

NOTE: POE switches are available on the following models. Ordering models only need to add "P". For example,ODOT-ES311F-SC20 corresponds POE switch model: ODOT-ES311FP-SC20. The POE switch power supply is 48~57v DC.

100M Series 1 optical port and 1 Ethernet port Series	ODOT-ES311F-SC20	Industrial 100M 1 optical port and 1 Ethernet port,SC interface, SM DX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES311F-SC2	Industrial 100M 1 optical port and 1 Ethernet port,SC interface, MM DX,2km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES311F-SC20/A/B	Industrial 100M 1 optical port and 1 Ethernet port,SC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES311F-FC20/A/B	Industrial 100M 1 optical port and 1 Ethernet port,FC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
1000M Series 1 optical port and 1 Ethernet port Series	ODOT-ES311G-SC20	Industrial 1000M 1 optical port and 1 Ethernet port,SC interface, SM DX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES311G-SC2	Industrial 1000M 1 optical port and 1 Ethernet port,SC interface, MM DX,2km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES311G-SC20/A/B	Industrial 1000M 1 optical port and 1 Ethernet port,SC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES311G-FC20/A/B	Industrial 1000M 1 optical port and 1 Ethernet port,FC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
100M Series 1 optical port and 2 Ethernet port Series	ODOT-ES312F-SC20	Industrial 100M 1 optical port and 2 Ethernet port,SC interface, SM DX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES312F-SC2	Industrial 100M 1 optical port and 2 Ethernet port,SC interface, MM DX,2km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES312F-SC20/A/B	Industrial 100M 1 optical port and 2 Ethernet port,SC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES312F-FC20/A/B	Industrial 100M 1 optical port and 2 Ethernet port,FC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
1000M Series 1 optical port and 2 Ethernet port Series	ODOT-ES312G-SC20	Industrial 1000M 1 optical port and 2 Ethernet port,SC interface, SM DX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES312G-SC2	Industrial 1000M 1 optical port and 2 Ethernet port,SC interface, MM DX,2km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES312G-SC20/A/B	Industrial 1000M 1 optical port and 2 Ethernet port,SC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES312G-FC20/A/B	Industrial 1000M 1 optical port and 2 Ethernet port,FC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
100M Series 1 optical port and 4 Ethernet port Series	ODOT-ES314F-SC20	Industrial 100M 1 optical port and 4 Ethernet port,SC interface, SM DX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES314F-SC2	Industrial 100M 1 optical port and 4 Ethernet port,SC interface, MM DX,2km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES314F-SC20/A/B	Industrial 100M 1 optical port and 4 Ethernet port,SC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES314F-FC20/A/B	Industrial 100M 1 optical port and 4 Ethernet port,FC interface, SM SX,20km,Power-off alarm,Rail type,DC12~48Vpower supply

100M Series **2 optical port and 4** **Ethernet port Series**	ODOT-ES324F -SC20	Industrial 100M 2 optical port and 4 Ethernet port,SC interface,SM DX,20km,Rail type,DC12~48Vpower supply
	ODOT-ES324F -SC2	Industrial 100M 2 optical port and 4 Ethernet port,SC interface,MM DX,2km,Rail type,DC12~48Vpower supply
	ODOT-ES324F -SC20/A/B	Industrial 100M 2 optical port and 4 Ethernet port,SC interface,SM SX,20km,Rail type,DC12~48Vpower supply
	ODOT-ES324F -FC20/A/B	Industrial 100M 2 optical port and 4 Ethernet port,FC interface,SM SX,20km,Rail type,DC12~48Vpower supply
1000M Series **1 optical port and 4** **Ethernet port Series**	ODOT-ES314G -SC20	Industrial 1000M 1 optical port and 4 Ethernet port,SC interface,SM DX,20km,Rail type,DC12~48Vpower supply
	ODOT-ES314G -SC2	Industrial 1000M 1 optical port and 4 Ethernet port,SC interface,MM DX,2km,Rail type,DC12~48Vpower supply
	ODOT-ES314G -SC20/A/B	Industrial 1000M 1 optical port and 4 Ethernet port,SC interface,SM SX,20km,Rail type,DC12~48Vpower supply
	ODOT-ES314G -FC20/A/B	Industrial 1000M 1 optical port and 4 Ethernet port,FC interface,SM SX,20km,Rail type,DC12~48Vpower supply
1000M SFP **Ethernet Switch**	ODOT-ES311G -SFP	Industrial 1000M 1 optical port and 1 Ethernet port,SFP interface (Without optical module),Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES312G -SFP	Industrial 1000M 1 optical port and 2 Ethernet port,SFP interface (Without optical module),Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES314G -SFP	Industrial 1000M 1 optical port and 4 Ethernet port,SFP interface (Without optical module),Power-off alarm,Rail type,DC12~48Vpower supply
1000M 2 optical port and **4 Ethernet port Series**	ODOT-ES324G -SFP	Industrial 1000M 2 optical port and 4 Ethernet port,SFP interface (Without optical module),Rail type,DC12~48Vpower supply
1000M optical port **and 100M Ethernet** **port Series**	ODOT- ES318GF-SFP	Industrial 1 1000M optical port +8 100M Ethernet port,SFP interface (Without optical module),Rail type,DC12~48Vpower supply
	ODOT- ES328GF-SFP	Industrial 2 1000M optical port +8 100M Ethernet port,SFP interface (Without optical module),Rail type,DC12~48Vpower supply
1000M optical port **and 1000M Ethernet** **port Series**	ODOT- ES318G-SFP	1000M 1 optical port and 8 Ethernet port,SFP interface (Without optical module),Rail type,DC12~48Vpower supply
	ODOT- ES328G-SFP	1000M 2 optical port and 8 Ethernet port,SFP interface (Without optical module),Rail type,DC12~48Vpower supply
100M Ethernet Switch	ODOT-ES305F	100M5 Ethernet port industrial Ethernet switch,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES308F	100M8 Ethernet port industrial Ethernet switch,Rail type,DC12~48Vpower supply
1000M Ethernet Switch	ODOT-ES305G	1000M5 Ethernet port industrial Ethernet switch,Power-off alarm,Rail type,DC12~48Vpower supply
	ODOT-ES308G	8 1000M Ethernet port industrial Ethernet switch,Rail type,DC12~48Vpower supply

L2 managed industrial Ethernet switch

2 optical port and 4 Ethernet port Series	ODOT-ES324GS-SFP	Industrial 1000M2 1000M optical port 4 1000M Ethernet port, Power-off alarm, support ring network+ WEB management + SNMP+VLAN. Add a console port (BROADCOM) solution to support CLI command line management. Non-POE: DC12~48 Vpower supply, POE: DC48~57Vpower supply
4 optical port and 4 Ethernet port Series	ODOT-ES344GS-SFP	Industrial 1000M4 1000M optical port 4 1000M Ethernet port, Power-off alarm, support ring network+ WEB management + SNMP+ VLAN Add a console port (BROADCOM) solution to support CLI command line management. Non-POE: DC12~48 Vpower supply,POE: DC48~57Vpower supply
4 optical port and 8 Ethernet port Series	ODOT-ES348GS-SFP	Industrial 1000M4 1000M optical port 8 1000M Ethernet port, Power-off alarm, support ring network+ WEB management +SNMP + VLAN Add a console port (BROADCOM) solution to support CLI command line management. Non-POE: DC12~48 Vpower supply, POE: DC48~57Vpower supply
2 optical port and 8 Ethernet port Series	ODOT-ES328GS-SFP	Industrial 1000M2 1000M optical port 8 1000M Ethernet port, Power-off alarm, support ring network+ WEB management +SNMP + VLAN Add a console port (BROADCOM) solution to support CLI command line management. Non-POE: DC12~48 Vpower supply, POE: DC48~57Vpower supply
L2 industrial managed Ethernet switch	ODOT-ES3168GS-SFP	L2 industrial 16 1000M optical port 8 1000M Ethernet port, Power-off alarm, support ring network+ WEB management + SNMP + VLAN. Non-POE: DC12~48Vpower supply, POE: DC48~57Vpower supply
	ODOT-ES3424GS-SFP	L2 industrial 4 1000M optical port 24 1000M Ethernet port, Power-off alarm, support ring network+ WEB management + SNMP + VLAN. Non-POE: DC12~48Vpower supply, POE: DC48~57Vpower supply
L3 industrial managed Ethernet switch	ODOT-ES3424G4TS-SFP	L2+ industrial 4 1000M optical port 24 1000M Ethernet port, (It can add 10G Ethernet port) , support ring network+ WEB management + SNMP + VLAN. Non-POE: DC12~48Vpower supply, POE: DC48~57V power supply
	ODOT-ES3428G4TS-SFP	L2+industrial 24 1000M optical port 8个1000M Ethernet port, (It can add 10G Ethernet port) , support ring network+ WEB management + SNMP+VLAN. Non-POE: DC12~48Vpower supply, POE: DC48~57Vpower supply
10Gb expansion card	ODOT-ES3300-2SFP+	2 ports 10Gb SFP + extension card. SFP+ module

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SFP optical port module

OCM3525-44-I	155M , SM DX , LC interface, Transmission distance 20KM
OCB3525-44-I , OCB4525-44-I	155M , SM SX , LC interface, Transmission distance 20KM
OCM3825-44-I	1.25G , SM DX , LC interface, Transmission distance 20KM
OCB3825-44-I , OCB4825-44-I	1.25G , SM SX , LC interface, Transmission distance 20KM
OCM3525-54-I	155M , SM DX , LC interface, Transmission distance 40KM
OCB3525-54-I , OCB4525-54-I	155M , SM SX , LC interface, Transmission distance 40KM
OCM3825-54-I	1.25G , SM DX , LC interface, Transmission distance 40KM
OCB3825-54-I , OCB4825-54-I	1.25G , SM SX , LC interface, Transmission distance 40KM
OCM2525-I	155M , MM DX, LC interface , 2KM
OCB2525-I OCB6525-I	155M , MM SX, LC interface , 2KM
OCM2825-I	1.25G , MM DX, LC interface , 1KM
OCB2825-I OCB6825-I	1.25G , MM SX, LC interface,1KM

Mechanical properties

Shell: metal shell

Working environment

Working temperature: -40~85℃
Storage temperature: -55~125℃
Relative humidity: 5~95%
(non-condensing)

Power requirement

Input voltage:
POE switches 48-57 VDC
Non-POE switches 12-48 VDC

Certification

EMC: CE

Warranty

Period: 3 years

Packing list

- One set of Industrial Ethernet Switch
- Warranty Card
- Qualified Certificate