

IES-0204DFT

4-Port 10/100TX + 1-Port GigaT + 1-Port Dual Speed SFP

Industrial Switch

- 12V to 48V dual input
- Relay contact to connect with alarm system
- Wide operating temperature range from -40°C to 75°C



OVERVIEW

The Lantech IES-0204DFT is a 4 x 10/100TX + 1 GigaT + 1Dual speed SFP industrial switch. This slim switch is wall-mountable** or DIN rail mountable, making installation easier and flexible.

The IES-0204DFT is designed to meet with critical network environment with IP30 enclosure and test under extensive Industrial EMI and Safety standards. It supports EFT protection

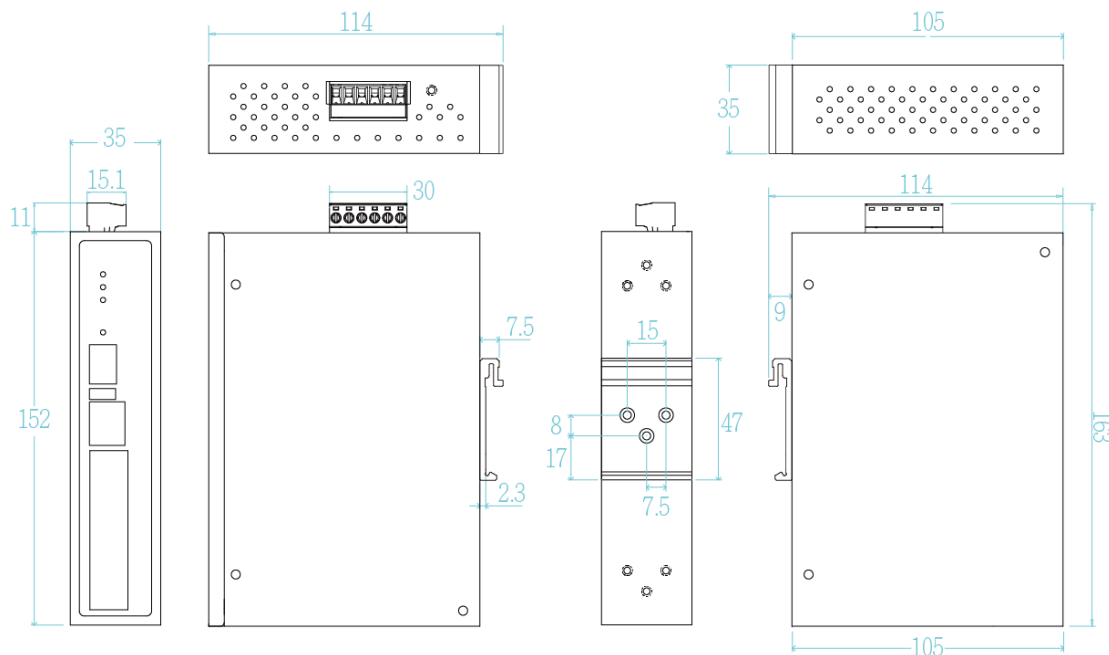
for 2000VDC power and 6000VDC contact ESD protection, which can reduce unstable environment damage caused by power line and Ethernet..

The Lantech IES-0204DFT is the best Industrial switch to connect with IP Camera, Wireless equipments where are placed outdoor or tight space cabinet such as street cabinet, wireless hotspots etc.

FEATURES & BENEFITS

- **System Interface/Performance**
 - RJ-45 port support Auto MDI/MDI-X Function
 - Store-and-Forward Switching Architecture
 - Back-plane (Switching Fabric): 2.8Gbps
 - 8K MAC Address Table
- Provides EFT protection 2000 VDC for power line
- Supports 6000 VDC ESD contact protection
- **Case/Installation**
 - IP30 Metal Housing Protection
 - DIN Rail and Wall Mount** Design
- **Power Supply**
 - DC 12V~48V dual power input
 - Overload Current protection by fuse
- Pass ESD Sensitivity Classification (class A)

DIMENSIONS (unit=mm)



SPECIFICATION

IEEE Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX and 100Base-FX Fast Ethernet IEEE802.3ab 1000Base-T IEEE802.3z Gigabit fiber IEEE802.3x Flow Control and Back Pressure	Power Consumption	4.1 Watts max.
Switch Architecture	Back-plane (Switching Fabric): 1.0Gbps	Overload current protection	Present
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Ethernet / Gigabit Fiber port	Operating Humidity	5% ~ 95% (Non-condensing)
Mac Address	8K MAC address table	Operating Temperature	-40°C~75°C / -40°F~167°F
Connectors	10/100TX: 4 x RJ-45 with auto MDI/MDI-X function; Support PoE+ injector function 10/100/1000T:1x RJ-45 with auto MDI/MDI-X function 100M/1000M fiber: 1 x dual speed SFP slot for Single-mode or Multi-mode type fiber cable	Storage Temperature	-40°C~85°C / -40°F~185°F
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5, 6 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5, 6 cable EIA/TIA-568 100-ohm (100m)	Case Dimension	Metal case. IP30, 35mm (W) x 142mm (H) x 105mm (D)
Optical Cable	Multi-mode: 50/125um~62.5/125um Single-mode: 9/125um Available distance: 2km (Multi-mode)/30km (Single-mode) Wavelength: 1310nm (Multi-mode/Single-mode)	Weight	660g
Protocol	CSMA/CD	Installation	DIN Rail and Wall Mount** Design
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault(Amber) Fiber: Link/Active(Green) TX: Link/Active(Green)	EMI & EMS	FCC Class A, CE EN61000-6-2, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN61000-4-4 (EFT), CE EN61000-4-5 (Surge), CE EN61000-4-6 (CS), CE EN61000-4-8, CE EN55032 Class A, CE EN55024
Power Supply	Dual power input 9.5~60VDC	Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
		MTBF	N/A
		Warranty	5 years

**Optional

ORDERING INFORMATION

■ **IES-0204DFT.....P/N: 8351-332**

4 10/100TX + 1 GigaT + 1 Dual speed SFP Industrial Switch; -40°C to 75°C ; DC 9.5~60V dual input

OPTIONAL ACCESSORIES

DIN Rail Power

- **MDR-40 Series** 40W Single Output Industrial Din Rail Power; 85-264VAC / 120-370VDC Input Range; Cooling by free air convection; RoHS2 ; Operating Temp. -20°C~70°C (ambient, derating each output at 4% per degree from 60°C ~ 70°C)
- **MDR-20 Series** 20W Single Output Industrial Din Rail Power; 85-264VAC / 120-370VDC Input Range; Cooling by free air convection; RoHS2 ; Operating Temp. -20°C~70°C (ambient, derating each output at 2.5% per degree from 50°C ~ 70°C)

Mini GBIC (SFP)

- **8330-162X** MINI GBIC 1000SX (LC/MM/0.5KM) Transceiver
- **8330-163X** MINI GBIC 1000SX2 (LC/MM/2KM) Transceiver
- **8330-165X** MINI GBIC 1000LX (LC/SM/10KM) Transceiver
- **8340-0591** MINI GBIC 1000LHX (LC/SM/40KM) Transceiver
- **8330-166** MINI GBIC 1000XD (LC/SM/50KM) Transceiver
- **8330-169** MINI GBIC 1000XD (LC/SM/60KM) Transceiver
- **8330-167** MINI GBIC 1000ZX (LC/SM/80KM) Transceiver
- **8330-170** MINI GBIC 1000EZ (LC/SM/120KM) Transceiver
- **8330-168** MINI GBIC 10/100/1000T (100m) Transceiver
- **8330-060** MINI GBIC 100Base (LC/MM/2KM) Transceiver
- **8330-065** MINI GBIC 100Base (LC/MM/5KM) Transceiver
- **8330-061** MINI GBIC 100Base (LC/SM/30KM) Transceiver
- **8330-197** 1.25Gbps BiDi SFP 0.5KM Transceiver (WDM 1310)
- **8330-198** 1.25Gbps BiDi SFP 0.5KM Transceiver (WDM 1550)
- **8330-195** 1.25Gbps BiDi SFP 2KM Transceiver (WDM 1310)
- **8330-196** 1.25Gbps BiDi SFP 2KM Transceiver (WDM 1550)
- **8330-188** 1.25Gbps BiDi SFP 10KM Transceiver (WDM 1310)
- **8330-189** 1.25Gbps BiDi SFP 10KM Transceiver (WDM 1550)
- **8330-186** 1.25Gbps BiDi SFP 20KM Transceiver (WDM 1310)

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