

# DTK-SW8IND

## 8-Port Gigabit Ethernet PoE+ Industrial Switch



**DITEK's DTK-SW8IND** was designed to give you the network connections and device power you need in harsh industrial environments. This unmanaged switch features eight auto-sensing Gigabit Ethernet PoE+ ports and two SFP ports, providing plenty of performance for the devices in your network. With its rugged, IP40-rated metal case and fanless design, the DTK-SW8IND operates reliably and quietly, even in extreme temperatures.

### Product Features

- Provides power and data connections for up to eight PoE network devices
- Eight 10/100/1000 Mbps auto-sensing ports that automatically detect optimal network speeds
- Two small form-factor pluggable GBIC module slots (SFP)
- IEEE 802.3x flow control for full duplex
- Supports jumbo frames up to 9.6 kBytes
- LEDs provide positive indication for power, link/activity, PoE and SFP
- Fanless design ideal for silent operation
- DIN-rail mounting bracket included
- Requires separate DC industrial power supply (not included)

### Applications

- PoE Network Devices
- IP Video Cameras
- Wireless Access Points

### Package Contents

- 8-Port Gigabit Ethernet PoE+ Industrial switch with 2 SFP Ports and DIN-rail Mounting Bracket
- \*\*DC Industrial Power Supply NOT INCLUDED

### Technical Specifications

<b>Backplane Speed:</b>	20 Gbps
<b>Switch Architecture:</b>	Store and Forward

### Power

<b>Input Voltage:</b>	44 – 57 VDC
<b>Input Wiring:</b>	Redundant DC power inputs (2) I/O terminal block
<b>Power Consumption:</b>	255 Watts (maximum)
<b>PoE Budget:</b>	240 Watts
<b>Power Output:</b>	Up to 30 Watts per Port
<b>Power Failure Alarm:</b>	One-way relay output Current load capacity, 1A @ 24 VDC

### Environmental

<b>Housing:</b>	IP40 metal housing DIN-rail mount
<b>Dimensions:</b>	7.48" L x 3.98" W x 1.38" H (190 mm x 101 mm x 35 mm)
<b>Weight:</b>	0.99 lb (448 g)
<b>Operating Temperature:</b>	-40 - 75°C (-40 - 167°F)
<b>Operating Humidity:</b>	5 - 95% non-condensing

### Standards & Approvals

<b>Certifications:</b>	FCC Class A, CE
<b>Standards Compliance:</b>	IEEE 802.3 (10Base-T Ethernet) IEEE 802.3ab (Twisted Pair GbE) IEEE 802.3af (PoE 802.3at Type 1) IEEE 802.3at (PoE 802.3at Type 2) IEEE 802.3i (Twisted Pair 10BASE-T Fast Ethernet) IEEE802.3u (100Base-TX Fast Ethernet) IEEE 802.3x (Flow control for full-duplex mode) IEEE 802.3z (1000BASE-X Gigabit Ethernet)
<b>Warranty:</b>	3 Year Limited Warranty

