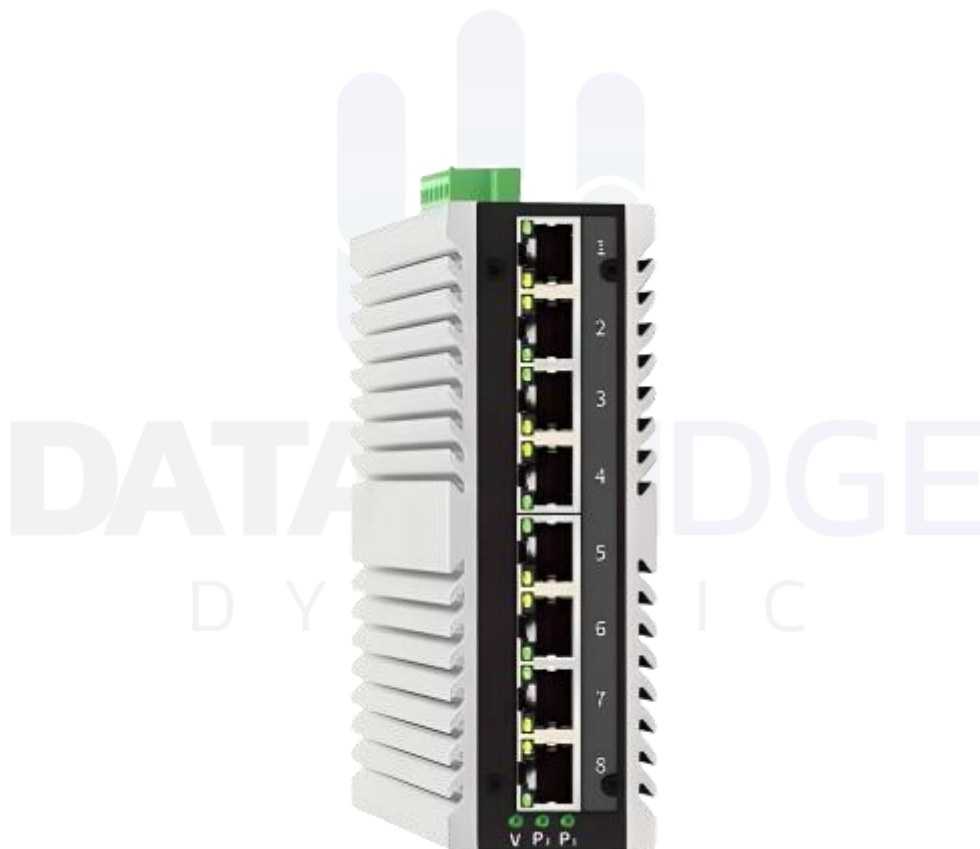




8 PORT

INDUSTRIAL ETHERNET UNMANAGED POE SWITCH

DDPS SERIES



SYNOPSIS

- THE DDPS 1080 CF IS A 8* 10/100 MBPS INDUSTRIAL POE ETHERNET FIBER SWITCH ENGINEERED TO MEET STRINGENT INDUSTRIAL-GRADE REQUIREMENTS
- IT HAS 8* 10/100 MBPS POE PORTS COMPLIANT WITH IEEE 802.3AF/AT, DELIVERING UP TO 30 W PER PORT AND SUPPORTING A TOTAL POE POWER BUDGET OF 240 W.
- ITS LOW POWER CONSUMPTION AND FANLESS COOLING DESIGN ENSURE MAINTENANCE-FREE OPERATION AND IMPROVED DURABILITY IN DEMANDING INDUSTRIAL CONDITIONS.
- THE SWITCH IS WELL SUITED FOR APPLICATIONS IN INTELLIGENT TRANSPORTATION SYSTEMS, RAIL TRANSIT, ELECTRIC POWER NETWORKS, MINING, METALLURGY ETC.,

FEATURES

- PROVIDES NON-BLOCKING, WIRE-SPEED PACKET FORWARDING
- SUPPORTS FULL-DUPLEX OPERATION IN ACCORDANCE WITH IEEE 802.3X FLOW CONTROL AND HALF-DUPLEX OPERATION USING BACKPRESSURE MECHANISMS.
- OFFERS ROBUST SURGE AND ESD PROTECTION, INCLUDING 8 KV CONTACT DISCHARGE, 15 KV AIR DISCHARGE, AND ETHERNET PORT LIGHTNING PROTECTION RATED AT 4 KV (COMMON MODE) AND 2 KV (DIFFERENTIAL MODE).
- THE DDPS 1080 CF FEATURES A RUGGED IP40-RATED ENCLOSURE
- SUPPORTS DUAL REDUNDANT POWER INPUTS
- POE POWER INPUT: SUPPORTS DC INPUT VOLTAGE RANGE OF 48–57 V.

TECHNICAL SPECIFICATIONS

INTERFACE

Fixed Port	8 *10/ 100Base-TX PoE port
Ethernet Port	10/ 100Base-TX autosensing, Full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)

CHIP PARAMETER

Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3u 100Base-SX, IEEE802.3x, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3af/at
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Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	1.6Gbps
Buffer Memory	1.19Mpps
LED Indicator	Power Indicator, Network Status

POWER

Power Supply	DC : 48 to 57V.
PoE Power Supply Method	Supports 1,2+, 3,6-power supply
PoE output power	Maximum power of 30W per port and a total power of 240W
Total Power	245W

PHYSICAL CHARACTERISTICS

Dimension (L*W*H)	141mm* 100mm*41mm
Installation	Desktop, DIN rail
Protection class	IP40
Enclosure	Aluminium Alloy

ENVIRONMENT

Working Temperature	-40°C to +75°C
Storage Temperature	-40°C to +85°C
Relative Humidity	5-90% RH (non-condensing)
Storage Humidity	5-95% RH (non-condensing)

ORDERING CODE

DDPS 1080 CF

DDPS	Industrial Unmanaged PoE Switch
1080	8 * 10/100Base-T PoE ports
CF	Fixed