



16 PORTS INDUSTRIAL UNMANAGED SWITCH

DDS SERIES



SYNOPSIS

- DDS 1160 Y A HARDENED 16-PORT INDUSTRIAL ETHERNET SWITCH, PROVIDING NON-BLOCKING PERFORMANCE IN HARSH INDUSTRIAL ENVIRONMENT.
- IT PROVIDES 16-PORT 10/100BASE-TX RJ45 COPPER INTERFACES DELIVERED IN AN IP40 RUGGED, DIN MOUNTED STRONG CASE.
- ITS SLIM CASE IS SUITABLE FOR SUCH APPLICATIONS AS SURVEILLANCE SYSTEMS, CONTROL MANAGEMENT, TRAFFIC MONITORING SERVICES IN CLIMATICALLY DEMANDING ENVIRONMENTS WITH WIDE TEMPERATURE RANGE FROM -40°C TO 80°C
- IT ALSO OFFERS DUAL-REDUNDANT, REVERSE POLARITY PROTECTED 12V DC TO 52V DC POWER SUPPLY INPUTS FOR HIGH AVAILABILITY APPLICATIONS.

SPECIFICATIONS

10/100BASE-TX Port	16 port RJ-45 Auto-MDI / MDI-X, Auto Negotiation
Performance Specification	Bandwidth: 3.2Gbps Packet Buffer Memory: 4Mbit Packet Forwarding Rate: 2.4Mpps MAC Address Table: 8K
Installation	DIN rail
Maximum Frame Size	2000bytes packet size
Flow Control	Back pressure for Half duplex, IEEE 802.3x for Full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC Redundant power
Power Consumption	10 Watts max
Surge protection	±4KV
Network Protocols	IEEE802.3 10BASE-T IEEE802.3i 10Base-T IEEE802.3u;100Base-TX IEEE802.3x
Network cables	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100meter)
MTBF	> 300,000hours
Dimensions (W x D x H)	175.6 x 135 x 45.5 mm
Weight	Product Weight: 0.9KGS Packing Weight: 1.0KGS
Working Environment	Working temperature: -40°C to 80°C Storage temperature: -40°C to 80°C Relative Humidity: 5%~95 % (no condensation)

APPROVALS & STANDARDS TESTED FOR

ELECTRO MAGNETIC INTERFERENCE EMISSIONS

FCC Part 15 Subpart B Class A

ELECTRO MAGNETIC IMMUNITY / SUSCEPTIBILITY: EN55024 / EN55035: 2017

IEC 61000-4-2: 2009	±8Kv contact discharge, ±12kV air discharge
IEC 61000-4-3	10V/m (80 to 1000MHz)
IEC 61000-4-4	Power cord ±4kV Data cable: ±2kV
IEC 61000-4-5	Ethernet port ±4kV CM//±2kV DM
IEC 61000-4-6	3V (10kHz to 150kHz),10V (150kHz to 80MHz)
IEC 61000-4-16	30V cont. 300V,1s
IEC 61000-4-8	AC Voltage Dips & Interruption/Variation
IEC 60068-2-27	Shock
IEC 60068-2-32	Free fall
IEC 60068-2-6	Vibration

ORDERING CODE

DDS 1160 Y

DDS	Industrial Grade Unmanaged Ethernet Switch
1160	16 * 10/100 Mbps Copper Ports
Y	Fixed

DIMENSIONS

