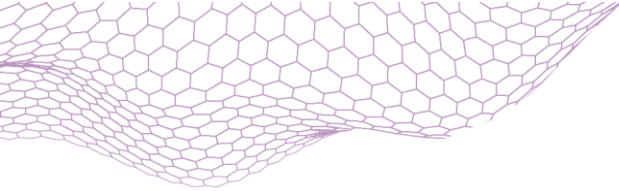




8 PORT INDUSTRIAL UNMANAGED 10/100 ETHERNET SWITCHES

DDS SERIES





SYNOPSIS

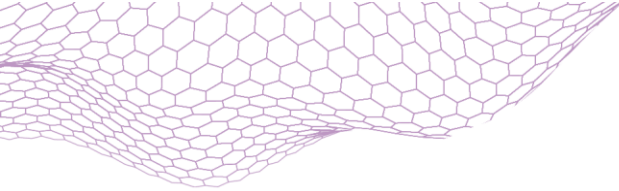
- THE DDS 1080 Hi IS A HIGH-PERFORMANCE INDUSTRIAL ETHERNET SWITCH EQUIPPED WITH 8* 10/100 MBPS RJ45 PORTS, SPECIFICALLY ENGINEERED FOR ROLLING STOCK AND OTHER MISSION-CRITICAL INDUSTRIAL APPLICATIONS.
- IT DELIVERS NON-BLOCKING, WIRE-SPEED LAYER 2 SWITCHING.
- THE SWITCH SUPPORTS AN EXTENDED OPERATING TEMPERATURE RANGE OF –40°C TO +75°C.

FEATURES

- COMPLIES WITH IEEE 802.3 AND IEEE 802.3U ETHERNET STANDARDS
- EQUIPPED WITH EIGHT 10/100BASE-TX RJ45 COPPER PORTS
- SUPPORTS HIGH BACKPLANE BANDWIDTH OF 1.6 GBPS FOR EFFICIENT DATA FORWARDING
- IMPLEMENTS IEEE 802.3X FLOW CONTROL FOR RELIABLE DATA TRANSMISSION
- PROVIDES SURGE PROTECTION ON BOTH POWER AND DATA INTERFACES
- SUPPORTS WIDE-RANGE POWER INPUT FROM 12 TO 57 VDC
- DESIGNED FOR WIDE OPERATING TEMPERATURE RANGE OF –40°C TO +75°C
- HOUSED IN A RUGGED IP30-RATED ALUMINUM ENCLOSURE
- MTBF OF 200,000 HOURS BASED ON PARTS COUNT RELIABILITY PREDICTION

TECHNICAL SPECIFICATIONS

Networking Interfaces	8 * 10/100M RJ45 Copper ports.
10Base-T	2-pair UTP/STP Cat. 3,4,5/5E,6 cable EIA/TIA-568 100-ohm (100m)
100Base-T	2-pair UTP/STP Cat. 5/5E,6 cable EIA/TIA-568 100-ohm (100m)
Switching Capacity	1.6Gbps
Forwarding Capacity	1.19Mpps
Forwarding Mode	Store and forward
Packet Buffer Memory	744 Kbit
Reliability	200000 Hours MTBF
LED Indicator	PWR and Link
EMC Safety	FCC, CE, RoHS



POWER

Power Method	12 – 57 VDC
Max. Power Consumption	5W

PHYSICAL CHARACTERISTICS

Dimensions	143x78x40mm
Weight	0.7KG

ENVIRONMENT

Operating Temperature	-10 to 70°C
Storage Temperature	-10 to 70°C
Operating Humidity	5 to 95% Noncondensing

ORDERING INFORMATION

DDS 1080 Hi

DDS	Fast Ethernet Unmanaged Switch
1080	8* 10/100Base-TX RJ45 port
Hi	Fixed