

12 PORT INDUSTRIAL GRADE GIGA UNMANAGED SWITCH

DDSG SERIES



SYNOPSIS

- THE DDSG 108-4S+ Hi IS A HIGH-PERFORMANCE ETHERNET SWITCH WITH 8 X10/100/1000TX RJ45 COPPER PORTS WITH 4 X 1G / 10G SFP+ PORTS, WHICH MEETS THE HIGH RELIABILITY REQUIREMENTS DEMANDED BY INDUSTRIAL ROLLING STOCK APPLICATIONS.
- IT PROVIDES L2 WIRE SPEED FOR NETWORK AGGREGATION DEPLOYMENT.
- FOR MORE USAGE FLEXIBILITIES, DDSG 108-4S+ Hi SUPPORTS WIDE OPERATING TEMPERATURE FROM -40 TO 75°C

FEATURES

- CONFORMS TO IEEE802.3, IEEE 802.3U, IEEE 802.3AB, IEEE802.3Z
- IEEE TO BE UPDATED FOR 10G
- PROVIDE 8 10/100/1000TX RJ45 COPPER PORTS WITH 4X1G/10G SFP+ PORTS
- HIGH BACK-PLANE BANDWIDTH 96GBPS
- IEEE802.3X FLOW CONTROL
- SURGE PROTECTION FOR POWER PORT AND DATA PORTS
- WIDE POWER INPUT: +12 TO +57VDC
- WIDE WORKING TEMPERATURE : -40 TO 75°C
- IP30 ALUMINUM CASE
- 200,000 HOURS MTBF (PARTS COUNT RELIABILITY PREDICTION)

TECHNICAL SPECIFICATIONS

Interface	8 * 10/100/1000M RJ45 Copper ports 4 * 1G/10G SFP+ Ports
Indicators	Power, Link/Act
Copper Cable	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) 1000Base-T: 4-pair UTP/STP Cat. 5E, 6 cable EIA/TIA-568 100-ohm (100m)
Performance Specification	Bandwidth (switch capacity) : 96 Gbps Forwarding Capacity : 41.7 Mpps Forwarding Mode : Store and Forward Packet Buffer Memory : 12 Mbit MAC Address Table : 16K
Reliability	200,000H

POWER

Power Input	+12 to +57VDC Dual Redundant Input
Power Consumption	10W

PHYSICAL CHARACTERISTICS

Dimensions	140 x 138 x 40mm (H*W*D)
Weight	700gm

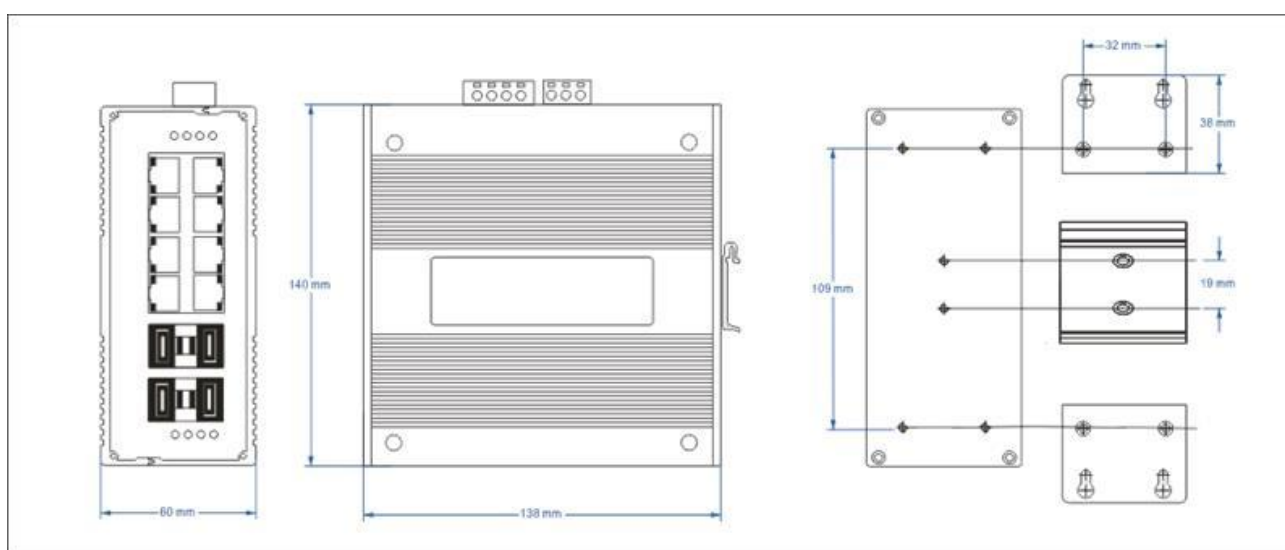
ENVIRONMENTAL

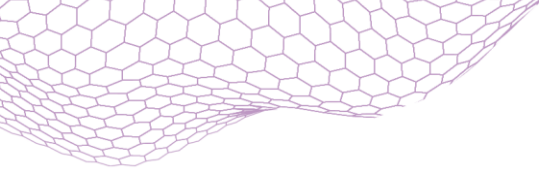
Working Temperature	-40 to +75°C
Storage Temperature	-40 to +85°C
Operating Humidity	5% to 95% RH Non coagulation

APPROVAL AND STANDARD TESTED FOR

EMC Safety	Tested for FCC, CE standards
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DIMENSIONS





ORDERING CODE

DDSG 108-4S+ Hi

DDSG	Industrial Grade Giga unmanaged switch
108	8*10/100/1000 Copper
4S+	4 * 1G/10G SFP+ Ports
Hi	Fixed



DATA BRIDGE
D Y N A M I C