

24 PORT INDUSTRIAL ETHERNET UNMANAGED GIGA RACK SWITCH

DDSGR SERIES



SYNOPSIS

- DDSGR 1024-2S Y AN HARDENED 24-PORT INDUSTRIAL ETHERNET SWITCH, PROVIDES NON-BLOCKING WIRE-SPEED PERFORMANCE IN HARSH INDUSTRIAL ENVIRONMENT.
- IT PROVIDES 24-PORT 10/100/1000BASE-TX RJ45 COPPER INTERFACES +2 PORT 10/100/1000 SFP DELIVERED IN AN IP40 RUGGED, STRONG CASE WITH REDUNDANT POWER SYSTEM.
- ITS SLIM CASE IS SUITABLE FOR SUCH APPLICATIONS AS SURVEILLANCE SYSTEM DEPLOYMENTS, CONTROL MANAGEMENT AND WIRELESS SERVICE IN CLIMATICALLY DEMANDING ENVIRONMENTS WITH WIDE TEMPERATURE RANGE FROM -40°C TO 80°C.
- THE DDSGR 1024-2S Y SERIES PROVIDES THE FLEXIBILITY TO ALL KINDS OF 10/100MBPS ETHERNET MEDIA ON RJ-45 PORT AND PERFORMS HIGHLY STABLE FIBER PERFORMANCE.

TECHNICAL SPECIFICATIONS

10/100/1000BASE-TX Port	24 port RJ-45 auto-MDI / MDI-X 2 port SFP	
Maximum Frame Size	9000bytes packet size	
LED Indicator	Power	: Red
	Ethernet	: Yellow
	POE	: Green
Network Protocols	IEEE802.3 10BASE-T. IEEE802.3i 10Base-T. IEEE802.3u;100Base-TX/FX. IEEE802.3ab 1000Base-T. IEEE802.3z 1000Base-X. IEEE802.3x;	
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex	
Network cables	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100meter) 1000BASE-TX: Cat6 or later UTP (≤100 meter)	
Performance Specification	Bandwidth	: 56Gbps
	Packet Buffer Memory	:4.1Mbit
	Packet Forwarding Rate	: 42Mpps
	MAC Address Table	: 8K

APPROVALS AND STANDARDS TESTED FOR

IEC61000-4-4	EFT: power cable: $\pm 4\text{kV}$; data cable: $\pm 2\text{kV}$
IEC61000-4-5	Surge: power cable: $\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$; data cable: $\pm 4\text{kV}$
IEC 60068-2-27	Shock
IEC 60068-2-32	Free fall
IEC 60068-2-6	Vibration

POWER

Power Supply	AC110-240V
Power Consumption	< 10 watts
Surge protection	$\pm 4\text{KV}$
MTBF	300,000hours

MECHANICAL

Dimensions (W x D x H)	442*195*44mm
Weight	3KGS
Enclosure	IP40 aluminum housing
Installation	Rack mountable

ENVIRONMENT

Working Temperature	-40°C to +80°C
Storage Temperature	-40°C to +80°C
Operating Humidity	5% to 95% (no condensation)

ORDERING CODE

DDSGR 1024-2S Y

DDSGR	Industrial Grade Giga Unmanaged Rack Switch
1024	24 * 10/100/1000M Copper Port
2S	2 * 10/100/1000 SFP
Y	Fixed