AADONA®
GOING BEYOND VISION

DIANA: DUS-24G

24 Port 10/100/1000M Unmanaged Network Switch

The DUS-24G is a gigabit unmanaged network switch, which provides eight DATA ports. The switch supports auto-negotiating traffic control functions and is compatible with terminal devices of 10Mbps, 100Mbps, 1000Mbps.

The DUS-24G is usually used for last mile connectivity to for network nodes data transmission.

The DUS-24G adopts plug-and-play design, which eliminates the need for software configuration, which greatly facilitates the installation. In particular, its highly recommended to use AADONA managed switch in combination with unmanaged switch in case network got more than 10 computers to optimize network performance.

FEATURES

1. Complies with IEEE 802.3, 802.3i, 802.3u, 802.3x specifications.
2. 24*10/100/1000Base-TX RJ45 port (Data).
3. Ideal for small installations up to 24 nodes.
4. Store-and-Forward transmission mode.
5. Auto MDI-X function, self-adjusting straight-through line, cross-line connection.
6. Plug-and-play, simple set up with no software or configuration needed
7. Quiet operation, energy efficient and sturdy metal case for anywhere quality installation
8. 16K Mac address table
9. Support 9k jumbo frames
10. Support three modes, Normal mode, VLAN mode, Flow Control mode (DIP Switch)
11. Supports up to 150 meters at 100/1000 mbps over CAT5/6 UTP
12. Port status LEDs

Product Description	24 Port 10/100/1000M Unmanaged Switch
Model Name	DUS-24G
Product Family	Diana
Warranty	2 Year + 1 Year Extended Warranty (Max 3 Year)

Port Configuration	
10M/100M/1000M RJ45 Port	24
10M/100M/1000 Uplink RJ45 Port	--
10M/100M/1000M SFP Uplink Port	--
Total Ports	24

HW Performance	
Switching Bandwidth	48 Gbps
Forwarding Capacity	35.71 Mpps
Exchange Mechanism	Store & Forward
System Buffer	4.1M
MAC Address	8K
Jumbo Frames	9K
DIP Switch	N:(standard normal) V:(port isolation) C:(Flow Control mode)

VLAN	
Port Based VLAN	Y

Environmental Specification	
Operating Temperature	-10-55℃
Operating Humidity	10% ～ 90% RH Non-condensing
Storage Temperature	-40℃ ～ 75℃
Storage Humidity	5% ～ 90% RH Non-condensing

Mechanical Specification	
Product Dimensions (H) x (W) x (D) mm	305mm*140mm*45mm
Weight	1.6kg
FAN Less	Y

Power Source	
AC Input	Internal Power Supply AC input 100~240V 50~60Hz 1A
Power Consumption	≤20W

Network protocol	
IEEE 802.3X	Y
IEEE 802.3i 10BASE-TX	Y
IEEE 802.3u 100BASE-TX	Y
IEEE 802.3x Flow control	Y

Distance	
Normal Mode	Up to 100 meters

Speed	
Ethernet 10Mbps half-duplex, 20Mbps full duplex	Y
Fast Ethernet 100Mbps half-duplex, 200Mbps full duplex	Y
Gigabit Ethernet 1000Mbps half-duplex, 2000Mbps full-duplex	Y

Network Media	
10Base-T: Pair 2 Category 3(cat 3) and above UTP/STP(≤250m)	Y
100Base-TX: Pair 2 Category 5(cat 5) and above UTP/STP(≤150m)	Y
1000Base-TX: Pair 2 Category 6 and above UTP/STP(≤150m)	Y
Lightning Protection	3KV 8/20us; IP30

Safety Regulations	
CE/LVD EN60950	Y
RoHS Compliant	Y

*All specifications are subject to change without notice.

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