

24 Port 10/100/1000M Unmanaged Network Switch



## OVERVIEW

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, and 1000Mbps.

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

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

## FEATURES

Complies with IEEE 802.3, 802.3i, 802.3u, and 802.3x specifications.

24\*10/100/1000Base-TX RJ45 port (Data).

Ideal for small installations of up to 24 nodes.

Store-and-Forward transmission mode.

Auto MDI-X function, self-adjusting straight-through line, cross-line connection.

Plug-and-play, simple setup with no software or configuration needed

Quiet operation, energy efficiency and sturdy metal case for anywhere quality installation

16K Mac address table

Support 9k jumbo frames

Support three modes, Normal mode, VLAN mode, Flow Control mode (DIP Switch)

Supports up to 250 meters at 10 Mbps over CAT5 UTP

Supports up to 150 meters at 100/1000 Mbps over CAT5/6 UTP

Port status LEDs

## SPECIFICATIONS

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)
<b>Port Configuration</b>	
10M/100M/1000M RJ45 Port	24
10M/100M/1000 Uplink RJ45 Port	—
10M/100M/1000M SFP Uplink Port	—
Total Ports	24
<b>HW Performance</b>	
Switching Bandwidth	56 Gbps
Forwarding Capacity	40.32 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)
<b>VLAN</b>	
Port Based VLAN	Y
<b>Environmental Specification</b>	
Operating Temperature	-10-55
Operating Humidity	10%90% RH Non-condensing
Storage Temperature	-4075

Storage Humidity	5%90% RH Non-condensing
<b>Mechanical Specification</b>	
Product Dimensions (H) x (W) x (D) mm	305mm*140mm*45mm
Weight	1.6kg
FAN Less	Y
<b>Power Source</b>	
AC Input	Internal Power Supply AC input 100~240V 50~60Hz 1A
Power Consumption	20W
<b>Network protocol</b>	
IEEE 802.3X	Y
IEEE 802.3i 10BASE-TX	Y
IEEE 802.3u 100BASE-TX	Y
IEEE 802.3x Flow control	Y
<b>Distance</b>	
Normal Mode	Up to 100 meters
<b>Speed</b>	
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
<b>Network Media</b>	
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
<b>Safety Regulations</b>	
FCC Part 15 Class B	Y
CE/LVD EN60950	Y
RoHS Compliant	Y
BSMI	Y

**\*All specifications are subject to change without notice.**



**DIANA : DUS-24G**  
CATEGORY: UNMANAGED NON-POE SWITCHES,  
NETWORK SWITCH, SMB

**Corporate Head Quarter**

1st Floor, Phoenix Tech Tower, Plot No.14/46,  
IDA-Uppal, Hyderabad, Telangana 500039

[www.aadona.com](http://www.aadona.com)

[contact@aadona.com](mailto:contact@aadona.com)

**Production, Warehousing and Billing Center**

7, SBI Colony, Mohaba Bazar, Hirapur Road,  
Raipur Chhattisgarh 492099

[www.aadona.com](http://www.aadona.com)

[contact@aadona.com](mailto:contact@aadona.com)

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