DES-1016R Datasheet

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Overview

DES-1016R switch is designed to enhance workgroup performance while providing a high level of flexibility. Powerful yet easy to use, these devices allow users to simply plug any port to either a 10Mbps or 100Mbps network to multiply bandwidths, boost response time and satisfy heavy load demands.

Quick Specs

Table 1 shows the Quick Specs.

SKU	DES-1016R
100Base-TX Interface	16
Auto MDI/MDIX	Yes
Max. Packet Forwarding Rate	0.148 Mpps
Dimension	441 x 207 x 44 mm
Maximum Power Consumption	39 watts
Packet Buffer Size	256KB
Power Input	AC 100 ~ 240 V
MAC Address Table Size	4K

Product Details

Here are some highlights of DES-1924R.

1.16 10/100Mbps ports

These ports detect the network speed and auto-negotiate between 100BASE-TX and 10BASE-T, as well as full- and half-duplex.

2.Auto-adjustment of MDI/MDIX Cross Over

All 10/100Mbps ports auto-adjust MDI/MDIX twisted pair cable cross-over, eliminating the need for crossover cables or uplink buttons. You simply plug any port to a server, a workstation or a hub, using the usual straight-through twisted-pair cable.

3.Optional 100Mbps Fibre Ports

An open slot is provided on the front panel to let you install an optional Fast Ethernet fibre module. This module provides 2 100Mbps fibre ports for 2 server connections or switch-to-switch cascading over the reliable fibre cables, which can be up to 2km long.

4.Flow Control Protects Against Data Loss

This function works with flow control supported Fast Ethernet adapters (installed in servers) connected to the switch in dedicated bandwidth configuration. It can also be applied to switch-to-switch cascading.

5.Easy Expansion

As all 10/100Mbps ports support auto-negotiation of MDI/MDIX twisted-pair cable cross-over, you simply connect 2 switches together without having to find a cross-over cable or to make sure the ports are uplink ports. At 200Mbps full-duplex speed, all ports provide a fast switch-to-switch dedicated bandwidth.

Compare to Similar Items

Table 2 shows the comparison.

SKU	DES-1016R	DES-1024R	DES-105	DES-108
Port Type	Gigabit	Gigabit	Fast Ethernet	Fast Ethernet
Number of Ports	16	24	5	8
Auto MDI/MDIX	Yes	Yes	Yes	Metal

Fan	1	1	Fanless	Fanless
Max.Packet Forwarding Rate	0.148 Mpps	0.1488 Mpps	1 Gbps	1.6 Gbps
IEEE 802.3az (EEE)	Yes	Yes	Yes	Yes
Power Input	AC 100 ~ 240 V	AC 100 ~ 240 V	AC 100 ~ 240 V	AC 100 ~ 240 V
Warranty	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime

Get More Information

Do you have any question about the DES-1016R?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

DES-1016R Specification	
100Base-TX Interface	16
Auto MDI/MDIX	Yes
Max. Packet Forwarding Rate	0.148 Mpps
Dimension	441 x 207 x 44 mm
Operation Temperature	0 ~ 50°C
Storage Temperature	-30 ~ 60°C
Operation Humidity	5% - 95%
Maximum Power Consumption	39 watts
Packet Buffer Size	256KB
FAN	1
Power Input	AC 100 ~ 240 V
Energy Efficiency Ethernet (EEE)	Yes
Power Saving By Link Status	Yes

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