



24+2 ports Gigabit Ethernet Rack Switch

A02-F24-2C / A02-F24-2F



The Switch was designed for easy installation and high performance in an environment where traffic on the network and the number of users increase continuously.

It supports twenty-four 10/100 Fast Ethernet ports. These ports run both half duplex and full duplex while they're running in 10Mbps or 100Mbps and runs full duplex (arriving so to a speed of 200Mbps).

This model is gifted besides of 2 Gigabit Ethernet ports (in copper) 1000BASE-T that they allow him to manage an elevated traffic of data resulting therefore ideal for the connection to powerful server or for the construction of a backbone to high speed.

And is endowed with port trunking function which allows to gather up to 8 ports (in 2 groups of 4) managing it as a single link with a 800Mbps throughput (in full duplex).

The VLANs allow to segment the traffic of net improving management and performances of it.

The flow control allows to check the state of the buffer of every port limiting the congestion of the net. With the support of the Quality of the Service (QoS) it is possible to assign a level of priority to every single port. This makes the Switch able to support special services such as VoIP and streaming.

- ▶ **24 ports 10/100Mbps Auto-negotiation**
- ▶ **2 Gigabit Ethernet ports (copper or fiber)**
- ▶ **Console managed (QoS , VLAN, Port Trunking and Mirroring)**
- ▶ **Full/half duplex transfer mode**
- ▶ **Supports 16Mbit RAM for data buffering**

Company certified ISO 9001:2000





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Technical Features

- 24 10/100Mbps Auto-negotiation Ethernet ports
- 2 10/100/1000Mbps Auto-negotiation Gigabit Ethernet ports for A02-F24-2C
- 2 1000BASE-SX Fiber Gigabit Ethernet for A02-F24-2F
- Auto MDI / MDI-X for each TX port
- Full/half duplex transfer mode for each port
- Wire speed reception and transmission
- Store-and-Forward switching method
- Supports 32K MAC addresses, integrated address Look-Up Engine
- Supports 2Mbytes RAM for data buffering
- Supports port Mirroring
- Supports port base VLAN
- Supports Port-based Trunking, up to 2 groups for 4ports 10/100Mbps
- Supports IEEE 802.1p (QoS), 802.1Q VLAN Tagging
- Extensive front-panel diagnostic LEDs
- Broadcast storm protection
- IEEE 802.3x flow control for full-duplex
- Back pressure flow control for half-duplex
- Support console port for easy configuration
- Standard 19" Rack-mount size, 1U height (included Kit)

Standard

IEEE 802.3 10BASE-T
 IEEE 802.3u 100BASE-TX
 IEEE 802.3ab 1000BASE-T (A02-F24-2C)
 IEEE 802.3z 1000BASE-SX (A02-F24-2F)
 ANSI/IEEE 802.3 Auto-negotiation
 IEEE 802.3x Full duplex Flow Control
 Supports IEEE 802.1p (QoS), 802.1Q VLAN Tagging

Network Media

10BASE-T Ethernet : 2-pair UTP Cat. 3,4,5, (100M)
 100BASE-TX Fast Ethernet: 2-pair UTP Cat. 5, (100M)
 1000BASE-T Gigabit Ethernet: 4-pair UTP Cat. 5, (100M)
 Recommend Cat5E (A02-F24-2C)
 1000BASE-SX: 50/125M multimode fiber (550M)
 62.5/125M multimode fiber(220M) (A02-F24-2F)

Product	Product Code	EAN Code
Atlantis Land 24 ports 10/100Mbps Ethernet Switch + 2 ports 1000BASE-T	A02-F24-2C	8026974011042
Atlantis Land 24 ports 10/100Mbps Ethernet Switch + 2 ports 1000BASE-SX Fiber	A02-F24-2F	8026974011059

3 YEARS "ON SITE" WARRANTY!

The Atlantis Land products are guaranteed ONSITE for 3 years. Atlantis Land s.p.a will substitute the faulty product with a new one cost free. The warranty is free, we only require you to register on the web site www.atlantis-land.com (in the section Supp./Warranty) within 30 days of the purchase date. Further details are available on the web site

HEADQUARTERS & EUROPE: Atlantis Land S.p.A. - via Gandhi, 5 - Mazzo di Rho - MI - Italy

info@atlantis-land.com - sales@atlantis-land.com

ASIA:

Atlantis Land Technology L.t.D. - 3rd. Floor, Jonsim Palace
 228 Queen's Road East. - Wanchai, Honk Kong

info.hk@atlantis-land.com - sales.hk@atlantis-land.com

INTERNATIONAL SALES:

Atlantis Land International Sales Office
 N°. 249 Hsining South Rd. - Taipei - Taiwan

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