

IRD-SW-1024 | Switch Não-Gerenciável de 24 Portas Gigabit, Caixa de Metal

- 24 portas Gigabit Ethernet RJ45 (10/100/1000 Mbps) com auto negociação.
- Capacidade de comutação de 48 Gbps, garantindo alta velocidade de transmissão.
- Auto MDI/MDIX em todas as portas, eliminando a necessidade de cabos cruzados.
- Modo de encaminhamento Store-and-Forward, garantindo transmissão confiável de pacotes.
- Tabela de endereços MAC com 8K entradas, otimizando a eficiência do tráfego de rede.
- Suporte a controle de fluxo IEEE 802.3x, minimizando perda de pacotes.
- Operação silenciosa, sem ventoinha, ideal para ambientes que exigem baixo ruído.
- Plug and Play, sem necessidade de configuração ou instalação de software.
- Indicadores LED para status de link, atividade e alimentação.
- Construção metálica resistente, garantindo maior durabilidade e segurança.
- Acompanha suporte para montagem em rack 19"


24 x 1Gbps
Montagem Rack
Plug-n-Play
Rack 19"


Introdução

O IRD-SW-1024 é um switch Gigabit não gerenciável com 24 portas RJ45 10/100/1000 Mbps, desenvolvido para oferecer conectividade de alta velocidade em redes locais de pequeno a grande porte. Com suporte a encaminhamento em velocidade de fio em todas as portas e tecnologia "plug and play", este equipamento proporciona uma solução prática, eficiente e de alta performance para ambientes que demandam grande largura de banda, como escritórios, escolas, laboratórios e sistemas de videomonitoramento.

Sua compatibilidade com os padrões IEEE 802.3 e controle de fluxo proporciona uma operação estável e segura. Além disso, os indicadores LED dinâmicos auxiliam no monitoramento em tempo real do status das conexões, facilitando a identificação de problemas e simplificando o gerenciamento físico da rede.

Especificações Técnicas

- Portas Ethernet: 24 x RJ45 10/100/1000 Mbps.
- Capacidade de comutação: 48 Gbps.
- Taxa de encaminhamento: 38,688 Mpps.
- Tabela de endereços MAC: 8K entradas.
- Cache de Pacotes (Buffer): 4,1 Mbit.
- Jumbo Frame: Suporte até 9K Bytes.
- Padrões e Protocolos IEEE:
 - IEEE 802.3 (10BASE-T)
 - IEEE 802.3u (100BASE-TX)
 - IEEE 802.3ab (1000BASE-T)
 - IEEE 802.3x (Controle de Fluxo)
 - IEEE 802.3z
- Mecanismo de Encaminhamento: Store-and-Forward.
- Mídia de Rede Suportada:
 - 10BASE-T: cabo UTP cat. 3, 4, 5 (até 100 metros)
 - 100BASE-TX: cabo UTP cat. 5, 5e (até 100 metros)
 - 1000BASE-T: cabo UTP cat. 5e, 6 (até 100 metros)
- Suporte a MDI/MDIX Automático: Sim.
- LEDs Indicadores:
 - 24 LEDs de Link/Atividade.
 - 24 LEDs de velocidade (1000 Mbps).
 - 1 LED de alimentação.

- Alimentação: AC 100~240V, 50/60Hz.
- Dimensões: 440 x 190 x 45 mm.
- Temperatura de Operação: 0°C a 45°C.
- Temperatura de Armazenamento: -40°C a 70°C.
- Umidade de Operação: 10% a 90% (sem condensação).
- Umidade de Armazenamento: 5% a 95% (sem condensação).

Durabilidade

- MTBF: 300.000 horas
- Estrutura: Carcaça metálica resistente

Conteúdo da Embalagem

- Switch com carcaça de metal de 24 portas gigabit
- Adaptador 100-240VAC
- Suporte para rack 19" em aço
- Manual
- Certificado de Garantia

Room 303, Building 1, No.316, Renzhou Road,
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CERTIFICATE OF CONFORMITY

No: JAT25032502524EC-1

Applicant : IRD Produtos de Informática Ltda
Address : RUA MARIA LOPES BORBA, 474 NAVEGANTES-SC 88370340
BRAZIL
Manufacturer : IRD Produtos de Informática Ltda
Address : RUA MARIA LOPES BORBA, 474 NAVEGANTES-SC 88370340
BRAZIL
EUT : Unmanaged/Managed Ethernet Switches
Trade Mark : IRD.Net
M/N : See model list

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

Electromagnetic Compatibility Directive 2014/30/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s)	Test Report(s) Number
EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021+AC:2022-01	JAT25032502524ER-1

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IRD-SW-1210FP-L, IRD-SW-1210FP, IRD-SW-1218FP, IRD-SW-1226FP,
IRD-SW-1428FCP, IRD-SW-1250FP, IRD-SW-1008, IRD-SW-1210F-L, IRD-SW-1210F,
IRD-SW-1016, IRD-SW-1218F, IRD-SW-1024, IRD-SW-1226F, IRD-SW-1428FC,
IRD-SW-1250F, IRD-SW-2008P, IRD-SW-2210FP-L, IRD-SW-2210FP, IRD-SW-2218FP,
IRD-SW-2226FP, IRD-SW-2428FCP, IRD-SW-2008, IRD-SW-2210F, IRD-SW-2210F-E,
IRD-SW-2016-E, IRD-SW-2218F-E, IRD-SW-2024, IRD-SW-2226F, IRD-SW-2428FC,
IRD-SW-3210FP, IRD-SW-3218FP, IRD-SW-3226FP, IRD-SW-3428FCP, IRD-SW-3428FP,
IRD-SW-3654FP, IRD-SW-3210F, IRD-SW-3218F-E, IRD-SW-3226F, IRD-SW-3428FC,
IRD-SW-3428F, IRD-SW-3654F, IRD-SW-25G1106F, IRD-SW-25G1206F-N,
IRD-SW-25G1006-N, IRD-SW-25G1206F, IRD-SW-25G1109F, IRD-SW-25G1210F-MX,
IRD-SW-25G1210F, IRD-SW-25G1218F-E, IRD-SW-25G1226F, IRD-SW-1808F,
IRD-SW-1005, IRD-SW-1008, IRD-SW-1408F, IRD-SW-25G1106FP, IRD-SW-25G1206FP,
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IRD-SW-25G2109F, IRD-SW-25G3008, IRD-SW-25G3412F, IRD-SW-25G3218F,
IRD-SW-25G3226F, IRD-SW-3808F, IRD-SW-3005, IRD-SW-3408F, IRD-SW-3008,
IRD-SW-25G2106FP, IRD-SW-25G2206FP, IRD-SW-25G2109FP-E, IRD-SW-25G3226FP,
IRD-SW-3005P, IRD-SW-3008P

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Trade Mark : IRD.Net
M/N : See model list

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

RoHS Directive 2011/65/EU & (EU) 2015/863 & (EU) 2017/2102

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s)	Test Report(s) Number
IEC 62321-1:2013, IEC 62321-2:2013 IEC 62321-3-1:2013, IEC 62321-3-2:2020 IEC 62321-4:2013, IEC 62321-5:2013 IEC 62321-6:2015, IEC 62321-7-1: 2015 IEC 62321-7-2:2017, IEC 62321-8:2017	JAT25032502524RR-1

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RoHS



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IRD-SW-3005P, IRD-SW-3008P

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SDoC's Compliance Information Statement

No: JAT25032502524FC-1

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The submitted sample of the above equipment has been tested and found to comply with the following requirement of 47 CFR of PART 15.

The assessment of compliance of the product with the requirements relating to FCC rules was based on the following standards and procedure:

Applicable Standard(s)	Test Report(s) Number
FCC Part 15, Subpart B:2017 ANSI C63.4:2014	JAT25032502524FR-1

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Low Voltage Directive 2014/35/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s)	Test Report(s) Number
EN IEC 62368-1:2020+A11:2020	JAT25032502524SR-1

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