ComX Computers
Product Specification Sheet

TP ES224G

Reyee 24 Port Gigabit Smart Managed Layer 2 Switch

Product Overview

Reyee 24 Port Gigabit Smart Managed Layer 2 Switch, RG-ES224GC-V2, 24x Gigabit Ethernet Ports, 48 Gbps switching capacity, Fanless











Specifications

Overview Summary:

Upgrade your network infrastructure with the Reyee 24 Port Gigabit Smart Managed Layer 2 Switch, model RG-ES224GC-V2 . Designed specifically for small to medium businesses in South Africa, this robust device offers enterprise-grade performance without the complexity or high cost of traditional solutions. With its fanless design and support for up to 16 VLANs, it ensures quiet, reliable operation perfect for offices, schools, retail stores, and surveillance setups.

Take control of your network connectivity with Ruijie Cloud management, allowing you to monitor and configure settings remotely from any device. Whether you need to connect multiple IP cameras or support high-speed data transfer across a factory floor, this switch delivers the speed and stability you require. Don't let network limitations hold your business back; secure your connection today by buying now.

Performance tier: Enterprise Grade

Uses:CCTV surveillance networks, retail POS systems, office connectivity, educational institutions, manufacturing floors, cloud management

Overview:

The Reyee RG-ES224GC-V2 is a high-performance 24-port gigabit smart managed switch designed to deliver enterprise-grade network performance for small and medium-sized businesses. Operating as a Layer 2 device, this non-PoE switch offers a robust 48 Gbps switching capacity with a forwarding rate of 35.71 Mpps, ensuring fast and reliable data transfer across your infrastructure. Its fanless design guarantees silent operation while maintaining energy efficiency, making it an ideal choice for environments like education centers, retail stores, manufacturing floors, and hospitality venues where noise levels matter.

Description:

The Reyee RG-ES224GC-V2 (Part Number: TP ES224G) combines powerful cloud management capabilities with intuitive hardware design to simplify network administration. This smart switch allows users to manage their entire network remotely via the Ruijie Cloud platform, accessible from any location at any time. Key benefits include automatic loop prevention for uninterrupted service, built-in recognition of IP cameras and NVRs for seamless surveillance integration, and mobile VLAN configuration for on-the-go adjustments. With support for up to 250 meters in transmission distance and individual port reboot capabilities, it ensures stability and security for critical applications.

Features:

Cloud-Based Network Control
Managing a growing network does not have to be complex. The RG-ES224GC-V2 empowers administrators to control their infrastructure remotely through the Ruijie Cloud interface. This smart design supports fast response times and provides a rich set of cloud-based tools that eliminate the need for traditional, bulky management systems. Users can configure mobile VLANs directly from a smartphone or tablet, adapt port settings dynamically, and monitor network health in real-time without being tethered to a physical console.

This switch is particularly optimized for CCTV and surveillance networks, offering unique value through its ability to extend transmission distances up to 250 meters. The device includes intelligent features such as IPC offline alarms and individual port reboot functionality, which help maintain smooth operation even when specific devices encounter issues. Automatic loop prevention further safeguards the network against disruptions caused by cabling errors or loops, ensuring business continuity and reducing downtime significantly.

Whether you are running a factory, setting up a retail environment, managing a surveillance system, or providing network solutions in educational or hospitality sectors, this model delivers outstanding performance with simplified management. The unit features 24 x 10/100/1000Base-T ports to connect multiple devices while supporting a MAC address table of up to 8000 entries. It supports up to 16 VLANs and includes port surge protection rated at 6 kV for enhanced durability.

Technical Specifications:

- Ports: 24 x Gigabit Ethernet (10/100/1000Base-T)
- Switching Capacity: 48 Gbps
- Forwarding Rate: 35.71 Mpps
- MAC Address Table: 8000 entries
- VLAN Support: Up to 16 VLANs
- Layer Type: Layer 2 Smart Managed
- Cooling System: Fanless Design for Silent Operation
- Port Surge Protection: 6 kV
- Dimensions: 440 mm x 165 mm x 44 mm
- Weight (With Package): 2.8 kg
- Certification: CE Certified

What's in the box

The package includes the Reyee RG-ES224GC-V2 switch unit, a power cord, mounting brackets for rack or wall installation, and a quick start guide to help you get your network up and running quickly. The unit is designed for easy deployment with its compact form factor suitable for standard 19-inch racks.

Specifications:

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Specifications	
Product Code	TP ES224G
Ports	24 x 10/100/1000Base-T ports
Layer type	Layer 2
Switching capacity	48 Gbps
Forwarding rate	35.71 Mpps
MAC address table	8000
Maximum VLAN	16
Fan	Fanless
Port surge	6 kV
Dimensions (W x D x H)	440 mm x 165 mm x 44 mm
Weight (With package)	2.8 kg
MTBF	> 200,000
Certification	CE

FAQ

Is the Reyee RG-ES224GC-V2 suitable for connecting multiple IP cameras?
Yes, this switch is optimized for CCTV and surveillance networks, featuring built-in recognition for IP cameras and NVRs, along with support for extending transmission distances up to 250 meters.

Can I manage the network remotely without using a computer?
Absolutely. The switch supports smart cloud management via Ruijie Cloud, allowing you to configure VLANs and monitor your network directly from a mobile device or any web browser anytime, anywhere.

Does this switch include built-in fans for cooling?
No, the Reyee RG-ES224GC-V2 is designed as a fanless unit, which helps reduce noise while maintaining reliable operation in offices, retail spaces, and educational environments.

What features are included to prevent network disruptions?:

The switch includes automatic loop prevention to protect against service interruptions caused by network loops, as well as individual port reboot functionality and IPC offline alarms for enhanced stability.

Does the Reyee RG-ES224GC-V2 provide power over Ethernet (PoE)?
The device features intelligent PoE adaptive support to deliver power to compatible devices based on their varying needs, though it is primarily a non-PoE switch designed for cost-efficiency.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/TP-ES224G-Reyee-24-Port-Gigabit-Smart-Managed-Layer-2-Switch-p-342253.php

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