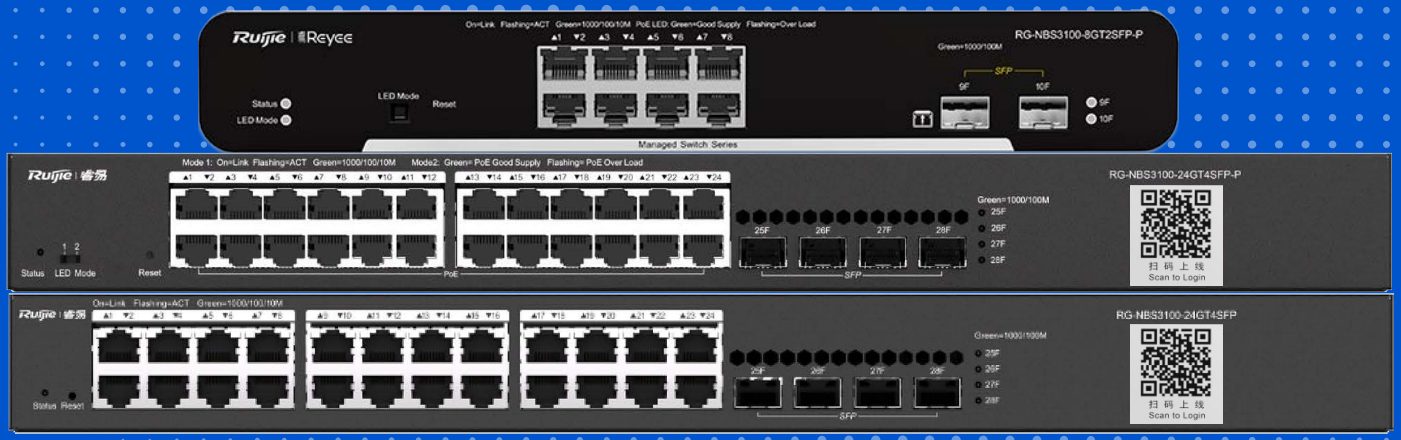
Ruijie | 睿易 Reyee



RG-NBS3100 SERIES

GIGABIT MANAGED SMART SWITCHES

RG-NBS3100-8GT2SFP-P / RG-NBS3100-24GT4SFP-P / RG-NBS3100-24GT4SFP

Redefine your easy network

Ruijie Networks

Product Overview

Ruijie Reyee series of Smart Managed Switches are designed for SME customers and include basic VLAN division and advanced security features such as ACL. Available in both Ethernet only and PoE variations these switches are able to power compatible wireless Access Points, IP cameras and other devices, in various scenarios.

Highlights

- 802.1Q VLAN
- Link Aggregation
- IGMP Snooping
- DHCP Snooping
- Access Control Lists
- QoS
- Spanning Tree

Product Features

Flexible VLAN Division

In an office network, in order to isolate network access between departments, it is often necessary to divide the internal network into VLANs to isolate the broadcast domain and improve the stability of the network. Ruijie NBS3100 Series managed switches provide a convenient and flexible way to divide VLANs, allowing you to assign the ports to different VLANs as needed. Users in different VLANs do not affect each other, creating a more stable network for the users.

Surge Protection ensuring Product Stability

The 6KV surge protection of the port reduces the probability of it being damaged by surges and improves the customer's network stability.

Decentralized Switch Management to Simplify Deployment

Once the switch is connected to the internet, users can scan the QR code using the Ruijie Cloud app to automatically add it to their project. Ruijie's switches also implement self-organising and self-healing technology for network resiliency in the case of failure.

Ruijie Cloud App / Ruijie Cloud Platform Remote Management

These switches not only support web interface management, but also support Ruijie Cloud app and Ruijie Cloud platform for remote management. Users can view the network status, modify the configuration, and troubleshoot at home.

Technical Specifications

Model	RG-NBS3100-8GT2SFP-P	RG-NBS3100-24GT4SFP-P	RG-NBS3100-24GT4SFP
Fixed Ports	8x 10/100/1000Base-T ports 2x SFP 1000Base-X ports	24x 10/100/1000Base-T ports 4x SFP 1000Base-X ports	24x 10/100/1000Base-T ports 4x SFP 1000Base-X ports
PoE/PoE+ Enabled Ports	8	24	N/A
Maximum PoE Output Per Switch	125W	370W	N/A
IEEE802.3at IEEE802.3af	Supported		Not Supported
Switching Capacity	192Gbps	336Gbps	
Packet Forwarding Rate	15Mpps	42Mpps	
MAC Address	Support static MAC address, MAC address filtering		
MAC Address Table Size	8K		
Number of VLANs	4094		
Link Aggregation	Supported		
Port Mirroring	Many-to-one Mirroring		
Spanning Tree	STP, RSTP		
LLDP	Supported		
IP Routing	N/A		
ACL	IP Standard ACL MAC Extended ACL IP Extended ACL Port ACL for Layer 2 ports (physical port / AP)		
QoS	Port-Based Speed Limit (ingress/egress)		
Security	Port Protection Hardware CPP		
Management	Web Management, Ruijie Cloud or Ruijie Cloud App Management		
DHCP	DHCP Snooping		
EEE	Supported		

Physical Specifications			
Dimensions	220 x 43.6 x 300 (mm)	293 x 44 x 440 (mm)	165 x 44 x 440 (mm)
Temperature	Operating Temperature: 0℃ ~ 50℃ Storage Temperature: ~40℃ ~ 70℃		
Humidity	Operating Humidity: 10% ~ 90% RH Storage humidity: 5% ~ 90% RH		