

# SE3100

## Multi-WAN VPN Router

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### Overview

SE3100 is a Multi-WAN VPN router, support up to 4 WAN ports available at a time and allowing 150 users to access. The frequency of processor is up to 800MHz. It's integrated load balancing, bandwidth control and portal authentication. In addition, can work as an wireless access controller, it can manage all IP-COM APs and maximum up to 16 APs . Support IPsec/PPTP/L2TP VPN, maximum up to 32 concurrent tunnels . It is perfectly designed for the networking of SME and chain hotel.



## Highlight

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- Multi-WAN
- Multiple VPN Protocols
- Bandwidth control
- Captive Portal Authentication
- Built-in AP controller

## Features

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### Multi-WAN

Load Balancing: Supports multiple load balancing policies, based on IP address, session , improve bandwidth efficiency.

Bandwidth Aggregation: Aggregate 4 separate gigabit link into one virtual uplink to reserve bandwidth expansion and meet requirement of high access throughput to Internet.

Link Failover: Featured auto line back-up, switch all the sessions from dropped line automatically to another to keep an always on-line network as well as build gigabit backbone networks by multi gigabit WAN.

### Multiple VPN Connection

Rich and comprehensive VPN technologies, including IPSec/PPTP/L2TP , various encryption protocols guarantee the data security between the enterprise and its branches, and business traveller can access the internal enterprise server conveniently and handle official business remotely.

### Bandwidth Control

Featured smart QoS to manage bandwidth to avoid network congestion. Allocating bandwidth according to different time segment under different IP address or account to fit into diverse network environments.

### Built-in AP controller

SE3100 can work as AP Controller, which can manage all IP-COM APs, maximum up to 16.

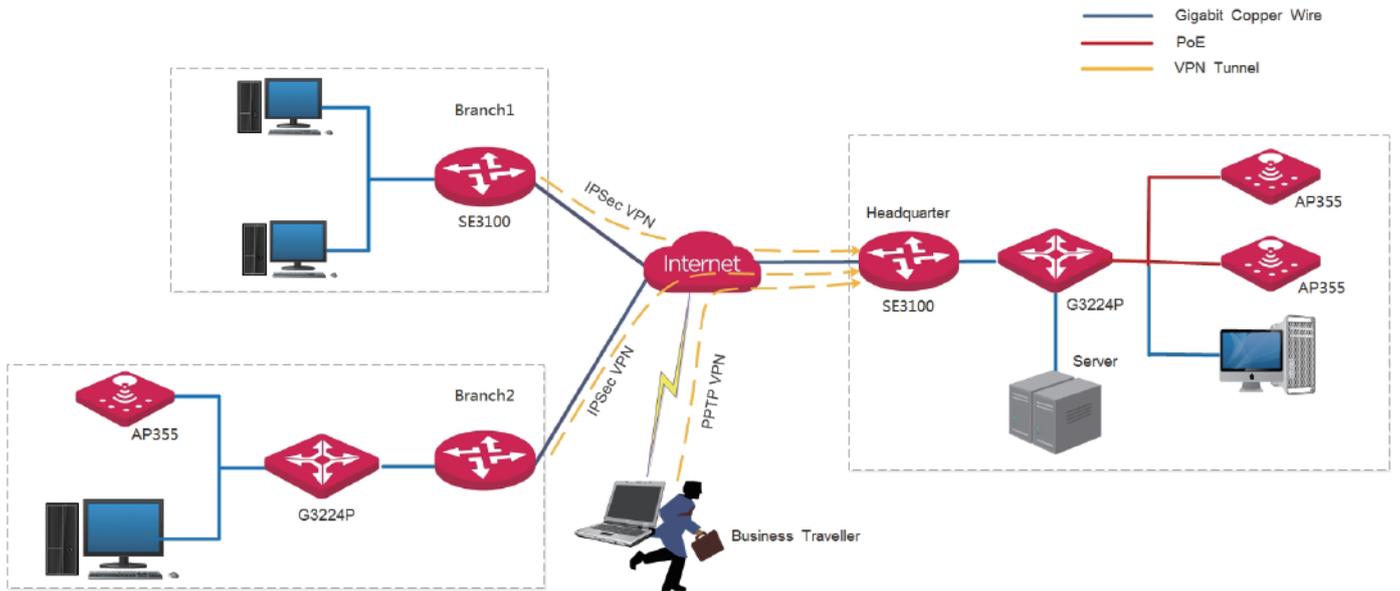
### Captive Portal Authentication

The SE3100 enables providing of public network access for clients using wireless and wired network connections. The user will be presented a login webpage when first opening the browser. Once a login username and password is provided, the user will be allowed access internet.

Customized Portal Page: Customize the contents and pictures of the portal page as per your preference.

URL Redirection: After authentication user will redirect to the defined website for marketing purpose.

# Application Scenarios



## Related Products



AC2000

- Easy to configure, manage and monitor APs
- Maximum AP managed number up to 512
- Remote manage multi branch AP and AP controller
- Built-in captive portal server and customized welcome page
- Access device type and customer behavior statistic



AP355

- 11AC dual band 1750Mbps
- Aesthetic ceiling design
- Compliant with PoE 802.3at
- Two Gigabit Ethernet Port
- Tagging VLAN ID for multi SSID
- 5GHz band steering
- Centralized management by AC2000/AC3000



F1226P

- 24\* 10/100 auto-negotiation RJ45 ports , 2\* 10/100/1000 auto-negotiation RJ45 ports;
- 2\* 1000Base-X Gigabit SFP ports (Combo) ;
- Support IEEE 802.3af/at standard. Automatically detect and recognize IEEE 802.3af/at-compliant PDs, and supply them power. 30W for per PoE port (port:1-24) and the total PoE power is up to 370W .
- Port mirroring, port bandwidth control, LACP, Port Base/Tag VLAN, Trunk, static MAC table, QoS, Client security, port flow statistic.
- Extend the power supply distance of transmission up to 250 meters.

## Technical Specifications

### Hardware Specifications

Dimensions	294*178*44(mm)
CPU	800MHz ARM CPU
Flash	128MB Nand flash
Size of RAM	512MB
Interface	1-4*GE WAN 4-1*GE LAN 1*RJ45 Console
Button	1*Reset
Input Voltage	AC 100~240V 50/60Hz
User Capacity	150
Operating Temperature	-10℃ ~ 70℃
Operating Humidity	10%~90% non-condensing
Storage Humidity	10%~90% non-condensing
Default Setting	Default IP: 192.168.0.252 Username: admin Password: admin
Certification	FCC, CE, RoHS

### Software Specifications

System	Linux
Connection Types	PPPoE Dynamic IP Static IP
Multi-WAN	Maximum up to 4 WANs
Load balancing	Session-based User-based
Bandwidth Control	30 entries Account-based IP(Group)-based 200 authentication accounts
Authentication	Customize the account duration time Customize portal page Online user statistics

## Technical Specifications

### Software Specifications

AP Management	Maximum up to 16 Aps
Port Forwarding	32 entries
Static Routing	16 entries
Remote Web Management	Support
Access Control List	IP/MAC address-based Access Control List
Ping Attacking Protection	Support
DDNS	Dyndns/No-ip
Web Timeout	Support
PPTP Server	Support 32 PPTP VPN tunnels at most
PPTP Client	Support
L2TP Server	Support 32 L2TP VPN tunnels at most
L2TP Client	Support
IPsec Server	Support 32 IPsec VPN tunnels at most
VPN Passthrough	PPTP/L2TP/IPsec
Diagnostic Tools	Ping & Traceroute
	Date & Time Sync
	Reboot
	Upgrade
Maintenance	Backup/Import config
	Restore to Factory Defaults
	User Management
	Syslog

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