RP-G1828S

24-P Gigabit + 4-SFP slot
WEB-Smart Switch

The Gigabit Smart Managed Switch equips with 24 gigabit RJ45 ports and 4 SFP slots. The switch supports high performance, enterprise-level security control & QoS Layer 2 management features. It is a cost-effective product solution for the small and medium business.

The switch supports the WebGUI to control each port status and bandwidth control by port rate limiting. The Storm Control feature protects against Broadcast, Multicast and Unicast Storm. The rich Quality of Service (QoS) & VLAN provides enhanced traffic management capabilities to move your data smoother and faster. The device supports a complete lineup of layer 2 features, including 802.1Q tag VLAN, Port Isolation, Port Mirroring, STP/RSTP, Link Aggregation Group and 802.3x Flow Control function. It also supports SNMP management functions.

The switch complies with IEEE802.3az Energy Efficient Ethernet to save power consumption, Support IGMP Snooping function to improve traffic performance. Moreover, the rich diagnostic LEDs on the front-panel provide the operating status of individual port and whole system.
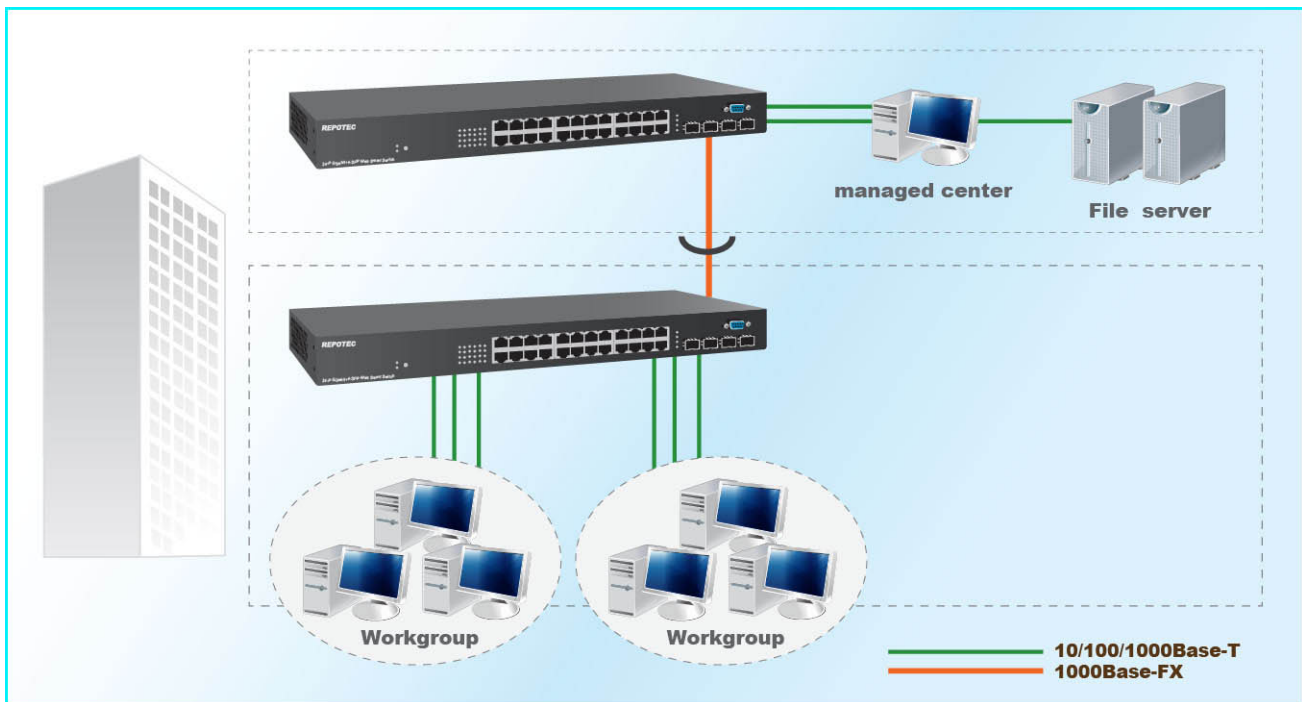
Features

- Supports IEEE802.3x Flow Control and Back-Pressure control
- Supports STP & RSTP
- Supports 8 queues is handled SP and WRR
- Supports Jumbo Frame : 1518~10K Bytes
- Supports 8 Link Aggregation Groups with Static & LACP types
- Support port mirroring, Ping Testing, Copper Testing
- Supports SNMP access control & trap event
- Supports IGMP Snooping v2/v3
- Supports IEEE802.3az EEE enable and disable
- Supports Firmware upgrade and backup
- Supports Configuration upgrade and backup

Specifications

Standards	● IEEE802.3, IEEE802.3u, and IEEE802.3ab ● IEEE 802.3x flow control ● IEEE 802.1p class of service, priority protocols ● IEEE 802.3az Energy Efficient Ethernet(EEE)
Interface	● 24 x 10/100/1000Mbps RJ-45 NWay ports, Auto MDI/MDIX adjustment for all twisted-pair ports ● 4 x SFP 1000Mbps ports ● DB9 Console Port ● Reset to default setting button
Transmission method	● Store-and-forward
Mac Table Size	● 8K
Jumbo Frame	● 10K Bytes
Buffer Memory	● 524.8K Bytes
Flow Control	● Supports IEEE802.3x Flow Control and Back-Pressure control
Port Configuration	● Jumbo Frame, Speed/Duplex, ● Flow Control, EEE, Power-Saving
Management	● Telnet, HTTP, HTTPS, SNMP
DHCP Client	● Yes
VLAN	● Static, Port Based, Tag Based, Voice OUI mode Supports 64 groups VLAN table
Spanning Tree	● STP and RSTP
Loop Protection	● Yes
IGMP Snooping	● Yes, v1 and v2
QoS	● CoS, DSCP, CoS-DSCP, IP Precedence
LLDP	● Supports LLDP Discovery
Port Mirror	● Yes
Rate Limit	● Ingress and Egress
Storm Control	● Broadcast, Unknown Multicast, Unknown Unicast
Maintenance	● User Account ● Firmware Upgrade ● Config. Backup and Restore ● Reset to Default Config. ● Config. Save ● Reboot
LED Display	● Power (Green) ● System (Green) ● Port: Link/Act(Green)
Input Power	● Internal Power supply 100~240VAC, 50/60 Hz
Environment	● Operating temperature : 0°C to 50°C ● Operating Humidity: 10% to 90% (Non-Condensing)
Dimension	● 441W x 131D x 44H mm
Certification	● FCC, CE

Application

Ordering information

RP-G1828S   24-P Gigabit + 4-SFP slot WEB-Smart Switch