





| Brand | PLANET | Moxa | JetNet | Oring |
|----------------------------------|--|---|---|---|
| Model name | IGSW-24040T | IKS-G6524 | 5228G | RGS-7244GP-E |
| Product Outlook |  |  |  |  |
| Features | Full Managed | Full Managed | Full Managed | Full Managed |
| Hardware | | | | |
| Switching Capacity | 48Gbps | 48Gbps | 4.8Gbps | 56Gbps |
| 10/100/1000Base-T | 24 | 24 | - | 24 |
| 10/100Base-TX | - | - | 24 | - |
| SFP / mini-GBIC | 4 (Shared), 100FX support | 4 (Shared) | 4 (Shared), 100FX support | 4 |
| Console | DB9 / RS-232 | RJ45 / RS-232 | DB9 / RS-232 | ■ |
| Temperature | Operating: -40~75 Degree C (DC) Storage: -40~85 Degree C | Operating: -40~75 Degree C Storage: -40~85 Degree C | Operating: -25~70 Degree C (DC) Storage: -40~70 Degree C | *Operating: -40~70 Degree C Storage: -40~85 Degree C |
| Humidity | Operating: 5% to 90% Storage: 5% to 90% (Non-condensing) | Storage: 5% to 95% (Non-condensing) | Storage: 5% to 95% (Non-condensing) | Storage: 5% to 95% (Non-condensing) |
| Digital Input / Output | 2 / 2 Groups | - / - | - / - | - / ■ |
| Power Fault Alarm | ■ | ■ | - | ■ |
| Installation | Rack Mount Ear | Rack Mount Ear | Rack Mount Ear | Rack Mount Ear |
| Power | Internal 100~240V AC External 36V ~ 72V DC | internal 100~240V AC | Internal 90 ~ 264V AC (5228G Only) | Internal 100~240V AC External 48V DC |
| Redundant Power Input | AC + DC | AC+AC | AC | - |
| IP-30 Housing | ■ | ■ | - | - |
| Dimension (W x D x H) | 19" / 440 x 300 x 44.5 mm / 1U height | 19" / 440 x 386.9 x 44 mm / 1U height | 19" / 438 x 170 x 44 mm / 1U height | 19" / 433.7 x 200 x 44 mm / 1U height |
| Regulation Compliance | FCC Part 15 Class A, CE IEC 60068 2-27 (Shock) IEC 60068 2-32 (Free Fall) IEC 60068 2-6 (Vibration) | FCC Part 15 Class A, CE EN 50121-4 (Rail Traffic) | FCC Part 15 Class A, CE IEC 60068 2-27 (Shock) IEC 60068 2-32 (Free Fall) IEC 60068 2-6 (Vibration)* | FCC Part 15 Class A, CE IEC 60068 2-27 (Shock) IEC 60068 2-32 (Free Fall) IEC 60068 2-6 (Vibration)* |
| Layer 2 Features | | | | |
| Jumbo Frame | 9K | - | 9K | 9K |
| Bandwidth Control | ■ | ■ | ■ | ■ |
| Link Aggregation | Static | 12 Trunks / 16 Ports | - | - |
| | LACP | 12 Trunks / 16 Ports | ■ | ■ |
| VLAN | Port Base | ■ | - | - |
| | 802.1Q | ■ | ■ | ■ |
| | Q-in-Q | ■ | - | - |
| | Private VLAN | ■ | - | - |
| | Voice VLAN | ■ | - | - |
| Spanning Tree | 802.1D / 802.1w / 802.1s | 802.1D / 802.1w | 802.1w / 802.1s | 802.1D / 802.1w / 802.1s |
| STP BPDU Guard | ■ | - | - | - |
| BPDU Filtering | ■ | - | ■ | - |
| IGMP Snooping | V1 / V2 | V1 / V2 | V1 / V2 | v2, v3 |
| IGMP Query mode | ■ | ■ | ■ | ■ |
| DHCP Relay/Option 82 | ■ / ■ | - / ■ | ■ / ■ | - |
| Quality of Service | | | | |
| QoS | 802.1p | ■ / 4 queues | ■ / 4 queues | ■ |
| | TOS / DSCP | ■ / ■ | - / ■ | ■ / - |
| | Strict / WRR | ■ / ■ | - / - | ■ / ■ |
| Policy-base DiffServ | ■ | - | ■ | ■ |
| Security | | | | |
| 802.1X | Port Based | ■ | ■ | ■ |
| | MAC Based | ■ | - | - |
| ACL | L2 / L3 / L4 | - | L2 / L3 / L4 | ■ |
| RADIUS | ■ | ■ | ■ | ■ |
| TACACS | ■ | - | ■ | ■ |
| DHCP Snooping | ■ | - | ■ | - |
| IP Source Guard | ■ | - | ■ | - |
| ARP Inspection | ■ | - | - | - |
| Port Security (MAC Limit) | ■ | - | ■ | - |
| IP / MAC Security | ■ | MAC | ■ | ■ / - |
| Management | | | | |
| SNMP | V1, V2c | ■ | ■ | ■ |
| | V3 | ■ | ■ | ■ |
| | Trap | ■ | ■ | ■ |
| | RMON | ■ | ■ | ■ |
| System Log / Syslog | ■ / ■ | Syslog | ■ / - | - / ■ |
| Management | WEB, Telnet, Console | WEB, Telnet, Console | WEB, Telnet, Console | WEB, Telnet, Console |
| SSH / SSL | ■ / ■ | ■ / - | ■ / ■ | ■ / - |
| IPv6 Management | ■ | ■ | - | - |
| Other Management | LLDP / NTP / SMTP | LLDP / SNTP / SMTP | LLDP / SNTP | LLDP / SMTP |
| Comment | N/A | N/A | N/A | N/A |