



## TP-Link Omada SG3452X Netzwerk-Switch Managed L2+ Gigabit Ethernet (10/100/1000) 1U Schwarz

Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SG3452X

Produktname : SG3452X



TP-Link Omada SG3452X. Switch-Typ: Managed, Switch-Ebene: L2+. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 48, Konsolen-Port: RJ-45/Micro-USB. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 176 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad. Netzstecker: AC-Eingangsbuchse. Rack-Einbau, Formfaktor: 1U

| Management-Funktionen                              |                                                                                  | Sicherheit                                  |                                                                                       |
|----------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------|
| Switch-Typ *                                       | Managed                                                                          | SSH-/SSL-Unterstützung                      | ✓                                                                                     |
| Switch-Ebene                                       | L2+                                                                              | Loop Protection                             | ✓                                                                                     |
| Quality of Service (QoS) Support                   | ✓                                                                                | BPDU-Filterung/Schutz                       | ✓                                                                                     |
| Web-basiertes Management                           | ✓                                                                                | IP-MAC-Portbindung                          | ✓                                                                                     |
| Cloud-verwaltet                                    | ✓                                                                                | Authentifizierung                           | Auto VLAN, Gast VLAN, MAC-basierte Authentifizierung, Port-basierte Authentifizierung |
| ARP-Inspektion                                     | ✓                                                                                | Passwortschutz                              | ✓                                                                                     |
| Konfiguration der Standorteinstellungen (CLI)      | ✓                                                                                | Authentifizierungstyp                       | AAA, RADIUS, TACACS+                                                                  |
| Systemereignisprotokoll                            | ✓                                                                                | Warteschleifenplanungs-Algorithmen          | SP, WRR+SP, Weighted Round Robin (WRR)                                                |
| MIB Unterstützung                                  | RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, | Multicast-Funktionen                        |                                                                                       |
| Öffentliche MIB                                    | ✓                                                                                | Multicast Unterstützung                     | ✓                                                                                     |
| Huawei-eigene MIB                                  | ✓                                                                                | Multicast Listener Discovery (MLD) Snooping | ✓                                                                                     |
| Anschlüsse und Schnittstellen                      |                                                                                  | Protokolle                                  |                                                                                       |
| Anzahl der basisschaltenden RJ-45 Ethernet Ports * | 48                                                                               | Management-Protokolle                       | SNMPv1/v2c/v3, SNMP                                                                   |
| Basic Switching RJ-45 Ethernet Ports-Typ *         | Gigabit Ethernet (10/100/1000)                                                   | GARP VLAN Registration Protocol (GVRP)      | ✓                                                                                     |
| Menge Modul-Steckplätze SFP+                       | 4                                                                                | IPv4 & IPv6-Funktionen                      | IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracer              |
| Konsolen-Port                                      | RJ-45/Micro-USB                                                                  | Design                                      |                                                                                       |
| Netzstecker                                        | AC-Eingangsbuchse                                                                | Rack-Einbau *                               | ✓                                                                                     |
| Netzwerk                                           |                                                                                  | Formfaktor                                  | 1U                                                                                    |
| Netzstandard *                                     | IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad                 | Produktfarbe                                | Schwarz                                                                               |
| 10G-Unterstützung *                                | ✓                                                                                | LED-Anzeigen                                | ✓                                                                                     |
| Port-Spiegelung                                    | ✓                                                                                | Anzahl Lüfter                               | 0 Lüfter                                                                              |
| Unterstützung Datenflusssteuerung                  | ✓                                                                                | Energie                                     |                                                                                       |
| Link Aggregation                                   | ✓                                                                                | Energiequelle *                             | AC                                                                                    |
| Broadcast-Sturmkontrolle                           | ✓                                                                                | Netzteil enthalten *                        | ✓                                                                                     |
| Ratenbeschränkung                                  | ✓                                                                                | AC Eingangsspannung                         | 100 - 240 V                                                                           |
| Spannbaum-Protokoll                                | ✓                                                                                | AC Eingangsfrequenz                         | 50/60 Hz                                                                              |
| Head-of-Line (HOL)-Blocking                        | ✓                                                                                | Stromverbrauch (max.)                       | 32,72 W                                                                               |
| IPv4-Routen                                        | 48                                                                               | Power over Ethernet (PoE)                   |                                                                                       |
| IPv6-Routen                                        | 48                                                                               | Power over Ethernet (PoE) *                 | ✗                                                                                     |
| VLAN-Unterstützung                                 | ✓                                                                                | Betriebsbedingungen                         |                                                                                       |
| Virtuelle LAN-Funktionen                           | Private VLAN, Tagged VLAN, VLAN mapping, Voice VLAN                              | Betriebstemperatur                          | 0 - 45 °C                                                                             |

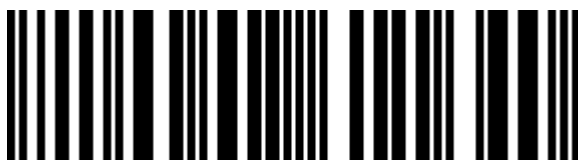
| Netzwerk                       |                                      | Betriebsbedingungen                  |               |
|--------------------------------|--------------------------------------|--------------------------------------|---------------|
| Anzahl der VLANs               | 4000                                 | Temperaturbereich bei Lagerung       | -40 - 70 °C   |
| Datenübertragung               |                                      | Relative Luftfeuchtigkeit in Betrieb | 10 - 90%      |
| Routing-/Switching-Kapazität * | 176 Gbit/s                           | Luftfeuchtigkeit bei Lagerung        | 5 - 90%       |
| Transferrate                   | 130,9 Mpps                           | Wärmeableitung                       | 111,65 BTU/h  |
| MAC-Adressentabelle *          | 16000 Eintragungen                   | Gewicht und Abmessungen              |               |
| Statische Route                | ✓                                    | Breite                               | 440 mm        |
| Anzahl der statischen Routen   | 48                                   | Tiefe                                | 220 mm        |
| Jumbo Frames Unterstützung     | ✓                                    | Höhe                                 | 44 mm         |
| Jumbo-Frames                   | 9000                                 | Lieferumfang                         |               |
| Datenpaket-Pufferspeicher      | 12 MB                                | Mitgelieferte Kabel                  | AC            |
| Sicherheit                     |                                      | Schnellstartübersicht                | ✓             |
| DHCP-Funktionen                | DHCP client, DHCP relay, DHCP server | Rackmontageset                       | ✓             |
| Zugriffkontrollliste           | ✓                                    | Verpackungsdaten                     |               |
| IGMP-Snooping                  | ✓                                    | Ablageschienen                       | ✓             |
| IGMP-Proxy                     | ✓                                    | Verpackungsart                       | Box           |
| MAC Adressen Filtern           | ✓                                    | Zertifikate                          |               |
| Statische Anschlusssicherheit  | ✓                                    | Zertifizierung                       | CE, FCC, RoHS |



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### Catalog Object Cloud



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