

## TP-Link Omada TL-SG2210MP Managed L2/L2+ Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Schwarz

**Marke :** TP-Link

**Produktfamilie:** Omada

**Artikel-Code:** SG2210MP(UN)

**Produktname :** TL-SG2210MP



TP-Link Omada TL-SG2210MP. Switch-Typ: Managed, Switch-Ebene: L2/L2+. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 8. MAC-Adressentabelle: 8000 Eintragungen, Routing-/Switching-Kapazität: 20 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U

| Management-Funktionen                              |                                                                                                                                                                                                        | Sicherheit                                        |                                                                                        |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------|
| Switch-Typ *                                       | Managed                                                                                                                                                                                                | DHCP-Funktionen                                   | DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping    |
| Switch-Ebene                                       | L2/L2+                                                                                                                                                                                                 | Zugriffkontrollliste                              | ✓                                                                                      |
| Quality of Service (QoS) Support                   | ✓                                                                                                                                                                                                      | IGMP-Snooping                                     | ✓                                                                                      |
| Web-basiertes Management                           | ✓                                                                                                                                                                                                      | Unterstützte Sicherheitsalgorithmen               | EAP-LEAP, EAP-MD5, EAP-TLS, EAP-TTLS, HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS |
| Cloud-verwaltet                                    | ✓                                                                                                                                                                                                      | SSH-/SSL-Unterstützung                            | ✓                                                                                      |
| ARP-Inspektion                                     | ✓                                                                                                                                                                                                      | BPDU-Filterung/Schutz                             | ✓                                                                                      |
| Konfiguration der Standorteinstellungen (CLI)      | ✓                                                                                                                                                                                                      | IP-MAC-Portbindung                                | ✓                                                                                      |
| Systemereignisprotokoll                            | ✓                                                                                                                                                                                                      | Warteschleifenplanungs-Algorithmen                | SP, Weighted Round Robin (WRR)                                                         |
| MIB Unterstützung                                  | RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1213, RFC2233, RFC1643, RFC1493                                                                                                               | Multicast-Funktionen                              |                                                                                        |
| Anschlüsse und Schnittstellen                      |                                                                                                                                                                                                        | Multicast Unterstützung                           | ✓                                                                                      |
| Anzahl der basisschaltenden RJ-45 Ethernet Ports * | 8                                                                                                                                                                                                      | Protokolle                                        |                                                                                        |
| Basic Switching RJ-45 Ethernet Ports-Typ *         | Gigabit Ethernet (10/100/1000)                                                                                                                                                                         | Management-Protokolle                             | SNMPv1/v2c/v3, SNMP                                                                    |
| Anzahl Gigabit Ethernet (Kupfer) Anschlüsse        | 8                                                                                                                                                                                                      | Design                                            |                                                                                        |
| Menge SFP-Modul-Steckplätze                        | 2                                                                                                                                                                                                      | Rack-Einbau *                                     | ✓                                                                                      |
| Netzwerk                                           |                                                                                                                                                                                                        | Formfaktor                                        | 1U                                                                                     |
| Netzstandard *                                     | IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z | Produktfarbe                                      | Schwarz                                                                                |
|                                                    |                                                                                                                                                                                                        | Anzahl Lüfter                                     | 1 Lüfter                                                                               |
| 10G-Unterstützung *                                | ✗                                                                                                                                                                                                      | Energie                                           |                                                                                        |
| Kupfer Ethernet Verkabelungstechnologie            | 10BASE-T, 100BASE-TX, 1000BASE-T                                                                                                                                                                       | Energiequelle *                                   | AC                                                                                     |
| Port-Spiegelung                                    | ✓                                                                                                                                                                                                      | Netzteil enthalten *                              | ✓                                                                                      |
| Unterstützung Datenflusssteuerung                  | ✓                                                                                                                                                                                                      | AC Eingangsspannung                               | 100 - 240 V                                                                            |
| Link Aggregation                                   | ✓                                                                                                                                                                                                      | AC Eingangsfrequenz                               | 50/60 Hz                                                                               |
| Broadcast-Sturmkontrolle                           | ✓                                                                                                                                                                                                      | Stromverbrauch (max.)                             | 173,9 W                                                                                |
| Ratenbeschränkung                                  | ✓                                                                                                                                                                                                      | Power over Ethernet (PoE)                         |                                                                                        |
| Spannbaum-Protokoll                                | ✓                                                                                                                                                                                                      | Power over Ethernet (PoE) *                       | ✓                                                                                      |
| VLAN-Unterstützung                                 | ✓                                                                                                                                                                                                      | Anzahl Power over Ethernet plus (PoE+) Anschlüsse | 8                                                                                      |
|                                                    |                                                                                                                                                                                                        | Gesamtleistung Power over Ethernet (PoE)          | 150 W                                                                                  |
|                                                    |                                                                                                                                                                                                        | Betriebsbedingungen                               |                                                                                        |
|                                                    |                                                                                                                                                                                                        | Betriebstemperatur                                | 0 - 50 °C                                                                              |
|                                                    |                                                                                                                                                                                                        | Temperaturbereich bei Lagerung                    | -40 - 70 °C                                                                            |
|                                                    |                                                                                                                                                                                                        | Relative Luftfeuchtigkeit in Betrieb              | 10 - 90%                                                                               |

| Netzwerk                              |                                                                                      | Betriebsbedingungen           |               |
|---------------------------------------|--------------------------------------------------------------------------------------|-------------------------------|---------------|
| Virtuelle LAN-Funktionen              | MAC address-based VLAN, Multicast VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN | Luftfeuchtigkeit bei Lagerung | 5 - 90%       |
| Anzahl der VLANs                      | 4000                                                                                 | Wärmeableitung                | 594,46 BTU/h  |
| Lichtwellenleiter                     |                                                                                      | Gewicht und Abmessungen       |               |
| Ethernet-Kabel Verkablungstechnologie | 100BASE-FX, 1000BASE-X                                                               | Breite                        | 294 mm        |
|                                       |                                                                                      | Tiefe                         | 180 mm        |
|                                       |                                                                                      | Höhe                          | 44 mm         |
| Datenübertragung                      |                                                                                      | Zertifikate                   |               |
| Routing-/Switching-Kapazität *        | 20 Gbit/s                                                                            | Zertifizierung                | CE, FCC, RoHS |
| Transferrate                          | 14,9 Mpps                                                                            |                               |               |
| MAC-Adressentabelle *                 | 8000 Eintragungen                                                                    |                               |               |
| Anzahl Queues                         | 8                                                                                    |                               |               |
| Jumbo Frames Unterstützung            | ✓                                                                                    |                               |               |
| Jumbo-Frames                          | 9000                                                                                 |                               |               |
| Datenpaket-Pufferspeicher             | 4,1 MB                                                                               |                               |               |

## Catalog Object Cloud



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