

JetStream 28-Port Gigabit Stackable L2+ Managed Switch

MODEL: T2700G-28TQ Datasheet



Overview

TP-Link T2700G-28TQ is an L2+ managed switch designed to build a highly accessible, scalable, and robust network. The switch is equipped with 24 Gigabit RJ-45 ports, 4 Combo Gigabit SFP and up to 4 10Gbps SFP slots, giving network administrator great network flexibility. It supports basic Layer3 features like static routing and RIP v1/v2 by default and can be upgraded to support abundant Layer 3 features such OSPF/ECMP/PIM/VRRP with the addition of a Layer3 license. What's more, with physical stacking feature and optional redundant external power unit, T2700G-28TQ provides a robust network with efficient redundancy. T2700G-28TQ provides robust security to help secure your enterprise network.

TP-Link's T2700G-28TQ L2+ managed switch provides a reliable and cost-effective solution for enterprise, campus and ISP networks.

Please contact with TP-Link's authorized distributor to purchase the license key if (T2700G-28TQ-L1000) needed and then go to T2700G-28TQ page at TP-Link website to download the license with the license key.



Specifications

Product Picture		ememena	
Model		T2700G-28TQ	
Hardware Features	Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ae, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p	
	Interfaces	24 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 4 Combo Gigabit SFP Slots Up to 4 10G SFP+ Slots (2 fixed and 2 optional 10G SFP+ Slots) 1 RJ45 Console Port	
	Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e or above cable (maximum 100m) 100BASE-FX: MMF, SMF 1000BASE-X: MMF, SMF 10GBASE-LR 10GBASE-SR	
	Dimensions (WxDxH)	17.32*13*1.73 in. (440*330*44 mm)	
	Fan Quantity	4	
	Power Consumption	63W (220V/50Hz) max	
	Power Supply	100-240V AC, 50/60Hz	
	Certications	CE, FCC, RoHS	
	Environment	Operating Temperature: 0°C to 40°C (32°F to 104°F) Storage Temperature: -40°C to 70°C (-40°F to 158°F) Operating Humidity: 10% to 90%RH, non-condensing Storage Humidity: 5% to 90%RH, non-condensing	
	Switching Capacity	Up to 128Gbps for a standalone switch	
	Forwarding Rate	Up to 95.2Mpps for a standalone switch	
	Backplane	Up to 320Gbps when 8 units in the stack	
Performance	MAC Address Table	32K	
	Packet Buffer Memory	2 MB	
	Jumbo Frame	10240Bytes	
	Number of Routes	12K	
	Number of Static Routes	256	
	Number of IP Interfaces	128	
Physical Stacking	Installable SFP+ Transceivers and Direct Attach Copper (DAC)	TXM431-SR TXM431-LR TXC432-CU1M	
	Cables Max Number of Stacking Ports Installable	TXC432-CU3M 2 SFP+	
	Stacking Speed (Per Port)	20 Gbps (Full-Duplex)	
	Number of Units Per Stack	8	

Stackability - Up to 320Gbps of Backplane when 8 units in the stack - Up to 8 units per Stack - Up to 12K entries (all route entries combined) - Up to 12K dynamic route entries combined) - Up to 12K dynamic route entries combined) - Up to 12K dynamic route entries - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up to 8K entries (all L3 Hardware Forwarding - Up	Software F	eatures	
Sizekability Single P. Management (Cluster)	Jortware 1		Virtual Stacking
Stack - Up to 8 units per Stack - Up to 8 units per Stack - Up to 12k centries (all route entries combined) - Up to 12k centries (all route entries combined) - Up to 12k centries (all route entries combined) - Up to 12k interfaces - Up to 12k interface - OSPF V2 - Advanced - Liz Routing - Peatures - OSPF NSSA (Not 50 Subby Area) - Up to 12k interface - OSPF NSSA (Not 50 Subby Area) - Up to 12k interface - OSPF Reasive Interface - OSPF Reasive Interface - OSPF NSSA (Not 50 Subby Area) - Up to 32 units per Virtual Stack - Up to 12k centries (all L3 Hardware Forwarding - Entries Combined) - Up to 12k interfaces - Millioast Routing - Static Multicast Route - PIM - Mom/SM - PIM SSM - VRRP - PIM SSM - VRRP - Link Aggregation - Sol 2 aggregation groups, containing 8 ports per group - Stanning Tree Protocol (STP) - 802 aggregation groups, containing 8 ports per group - Stanning Tree Protocol (STP) - 802 aggregation groups, containing 8 ports per group - Stanning Tree Protocol (STP) - 802 aggregation groups, containing 8 ports per group - Stanning Tree Protocol (STP) - 802 aggregation groups, containing 8 ports per group - Stanning Tree Protocol (STP) - 802 aggregation groups, containing 8 ports per group - Stanning Tree Protocol (STP) - 802 in MSTP - 802 in MS	Stackability		
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L3 Forwarding -Up to 12K entries (all route entries combined) -Up to 12K entries (all route entries -Up to 12K dynamic route entries -Up to 128 data in coute entries -Up to 128 bitatic route -Up to			op to 32 driits per virtual Stack
Basic L3		· · · · · · · · · · · · · · · · · · ·	• L3 Forwarding
Peatures	Racio I 3		
- Up to 256 static route entries			
- Up to 128 IP Interfaces			
- OSPF v2 L3 Routing Features (License - OSPF Bassive Interface - OSPF Bassive Interface - OSPF Bassive Interface - OSPF Equal Cost Route - OSPF Equal	1 data do		
Advanced L3 Routing - OSPF Passive Interface - PIM-DM/SM - OSPF PSNSA (Not So Stubby Area) - PIM-DM/SM - OSPF Equal Cost Route - PIM-SM - OSPF Equal Cost Route - PIM SM - OSPF Equal Cost Route - PIM SM - Support IBMP Proxy - Support IBMP Proxy - Support IBMP Proxy - Support Boadcast, Multicast and Unknown unicast Storm Control - PORT Piow based ACL - L2 to L4 package Item pased on source and destination MAC address, IP address, TCP/UDP ports, 802 1p, DSCP, Protocol and VLAN ID - Time based ACL - Secure web management through HTTPS and SSLv2/3/TLSV1 - Secure web management through HTTPS and SSLv2/3/TLSV1 - Secure mote command line interface (CLI) management with SSH v1/v2 - Pim MSM Pim Proxy - Support Picture - Port Pim Washed Pim Proxy - Pim Proxy - Pim MSM Pim Proxy - Support Boadcast, Multicast and Unknown unicast Storm Control - Pim Pim Proxy - Pim Pim Proxy - Pim Proxy - Pim Proxy - Pim Proxy - Pim Proxy		·	
Command Line Interface - PIM-DM/SM - PIM SSM -	Advanced		<u> </u>
CoSPF NSA (Not So Stubby Area)			
Command Line Interface (CLI) strategies			- PIM SSM
**Command Line Interface (CLI) through consoler	(License	-	ARP Proxv
VRRP	required)		-
- Static Link Aggregation - Support IGMP Snooping V1/V2/V3, up to 1K groups - Support multicast VLANs, IGMP Immediate Leave, Unknown IGMP Throttling, IGMP Filtering. Static Multicast IP - 802.1b STP - 802.1b MSTP - 802.1s MSTP - 802.1s MSTP - 802.1b Interference Portect, BPDL Filter/Protect, Root Protect - IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode - LLDP - Springty Queues - Quality of Service (QoS) - SP KYRR (Weighted Round Robin) - SP+WRR - Spyport Broadcast, Multicast and Unknown Incast Storm Control - Support RodRy Snooping V1/V2/V3, up to 1K groups - Support multicast VLANs, IGMP Immediate Leave, Unknown IGMP Throttling, IGMP Filtering. Static Multicast IP - VLAN - Support IEEE802.1Q with 4K VLAN groups and 4K VIDs - Support VLAN, Protocol VLAN, and Private VLAN - Support Box VLAN, and Private VLAN - Support GARP/GVRP feature - LLDP - Bandwidth Control - Port/Flow based Rating Limiting - Voice VLAN assure voice applications much smoother performance Advanced Security - Static/Dynamic Port Security (MAC-based) - DoS defend feature - Support Radius authentication - Support Broadcast, Multicast and Unknown unicast Storm Control - Support Broadcast, Multicast and Unknown unicast Storm Control - Web-based GUI - Command Line Interface(CLI) through console port, telnet - SNMPv1/V2c/V3 - Secure web management with SSH v1/V2 - Secure remote command line interface (CLI) management - SNIP - SNIP - Port Mirroring (Many to One) - Cable Diagnostics feature - Ping/Tracert feature - SNIP - Integrated NDP/NTDP feature - System Log	, ,		
- Static Link Aggregation - Support IGMP Snooping V1/V2/V3, up to 1K groups - Support multicast VLANs, IGMP Immediate Leave, Unknown IGMP Throttling, IGMP Filtering. Static Multicast IP - 802.1b STP - 802.1b MSTP - 802.1s MSTP - 802.1s MSTP - 802.1b Interference Portect, BPDL Filter/Protect, Root Protect - IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode - LLDP - Springty Queues - Quality of Service (QoS) - SP KYRR (Weighted Round Robin) - SP+WRR - Spyport Broadcast, Multicast and Unknown Incast Storm Control - Support RodRy Snooping V1/V2/V3, up to 1K groups - Support multicast VLANs, IGMP Immediate Leave, Unknown IGMP Throttling, IGMP Filtering. Static Multicast IP - VLAN - Support IEEE802.1Q with 4K VLAN groups and 4K VIDs - Support VLAN, Protocol VLAN, and Private VLAN - Support Box VLAN, and Private VLAN - Support GARP/GVRP feature - LLDP - Bandwidth Control - Port/Flow based Rating Limiting - Voice VLAN assure voice applications much smoother performance Advanced Security - Static/Dynamic Port Security (MAC-based) - DoS defend feature - Support Radius authentication - Support Broadcast, Multicast and Unknown unicast Storm Control - Support Broadcast, Multicast and Unknown unicast Storm Control - Web-based GUI - Command Line Interface(CLI) through console port, telnet - SNMPv1/V2c/V3 - Secure web management with SSH v1/V2 - Secure remote command line interface (CLI) management - SNIP - SNIP - Port Mirroring (Many to One) - Cable Diagnostics feature - Ping/Tracert feature - SNIP - Integrated NDP/NTDP feature - System Log		Link Aggregation	Multicast
- 802.3ad LACP - Up to 32 aggregation groups, containing 8 ports per group - Spanning Tree Protocol (STP) - 802.1b STP - 802.1b STP - 802.1s MSTP - 802.1s MSTP - 802.1s MSTP - STP Security: Loop back detection, TC Protect, BPDU Filter/Protect, Root Protect - IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode - SP Priority Queues - Queue Scheduling - SP Fidric Priority - SP-WRR (Weighted Round Robin) - SP-WRR Advanced Security - Strategies Advanced Security - Strategies - Support Bardius authentication and accountability - Guest VLAN - Support Broadcast, Multicast and Unknown unicast Storm Control - Web-based GUI - Command Line Interface(CLI) through console port, telnet - SMMPV1/\(\text{2CN3}\) - SMMPV1/\(\text{2CN3}\) - SMMPV1/\(\text{2CN3}\) - SMMPV1/\(\text{2CN3}\) - SHCPGOTP Client - DHCP Snooping - Specific (NDF) (STE) - Support multicast VLANs, IGMP Immediate - Leve, Unknown IGMP Throttling, Static Multicast IP - Suput Multicast IP - Suput Multicast IP - VUAN - Support IEEE802.1Q with 4K VLAN groups and 4K VIDs - Support Port VLAN, Protocol VLAN, and Private VLAN - Support GARP/GVRP feature - Support GARP/GVRP feature - Support GARP/GVRP feature - Support Bank VLAN - Support GARP/GVRP feature - Support Bank VLAN - Support GARP/GVRP feature - Support Bank VLAN - Support GARP/GVRP feature - Voice VLAN assure voice applications much smoother performance - Voice VLAN assure voice applications much destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID - Time based ACL - Secure web management through HTTPS and SSLV2/N3/TLSv1 - Secure remote command line interface (CLI) management with SSH v1/V2 - CPU Monitoring - Port Mirroring (Many to One) - Cable Diagnostics feature - Ping/Tracert feature - Ping/Tracert feature - SNTP - Integrated NDP/NTDP feature - Support Bature - Support Bature - Ping/Tracert feature - SNTP - Support Bature - Support Bature - Port Mirroring (Many to One) - Cable Diagnostics feature - Ping/Tracert feature - SNTP - Sup			- Support IGMP Snooping V1/V2/V3, up to 1K
Der group Leave, Unknown IGMP Throttling, IGMP Filtering, Static Multicast IP			· · · · · · · · · · · · · · · · · · ·
Spanning Tree Protocol (STP)		- Up to 32 aggregation groups, containing 8 ports	- Support multicast VLANs, IGMP Immediate
Features - 802.10 STP - 802.1 x RSTP - 802.1 x RSTP - 802.1 x RSTP - STP Security: Loop back detection, TC Protect, BPDU Filter/Protect, Root Protect - Support Radio Subtract - Support Radio Subtract - Support Root Security (MAC-based) - DS defend feature - Dynamic ARP Inspection - Support Radius authentication - Support Radius authentication - Support Radius authentication and accountability - Guest VLAN - Support Broadcast, Multicast and Unknown unicast Storm Control - Web-based GUI - Command Line Interface(CLI) through console port, telnet - SNMPV1NzcV3 - SNMPV1NzcV3 - Ping/Tracert feature - SNMPV1NzcV3 - Ping/Tracert feature - SNMPV1NzcV3 - Ping/Tracert feature - SNSTP - DHCP/BOOTP Client - Support Broadcast, Multicast and Unknown unicast Storm Control - System Log - Support Broadcast, Multicast and Unknown unicast Storm Control - Support Broadcast, Multicast and Unknown unicast Storm Control - Support Broadcast, Multicast and Unknown unicast Storm Control - Support Broadcast, Multicast and Unknown unicast Storm Control - Support Broadcast, Multicast and Unknown unicast Storm Control - Support Broadcast, Multicast and Unknown unicast Storm Control - Support Broadcast, Multicast and Unknown uni		per group	Leave, Unknown IGMP Throttling, IGMP Filtering,
Features - 802.10 KPTP - 802.10 KRSTP - 802.10 KRS	L O Conitabina	Spanning Tree Protocol (STP)	Static Multicast IP
- 802.1w RSTP - 802.1s MSTP - STP Security; Loop back detection, TC Protect, BPDU Filter/Protect, Root Protect - IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode - 802.1p/DSCP priority - 8 Priority Queues - Port/Flow based Rating Limiting - SP (Strict Priority) - WRR (Weighted Round Robin) - SP+WRR - Py-MAC-Port-VID Binding - Static/Dynamic Port Security (MAC-based) - DoS defend feature - Support 802.1p port/MAC based authentication - Support 802.1x authentication and accountability - Guest VLAN - Support 802.1x port/MAC based authentication - Support 802.1x bort/MAC based authentication - Support Broadcast, Multicast and Unknown unicast Storm Control Management Management Management - SUP Monitoring - SUP Monitoring - Command Line Interface(CLI) through console port, telnet - SNMP1/v2c/v3 - RMON (1,2,3,9 groups) - DHCP/BOOTP Client - DHCP Snooping - Support Soc 2, 13 port VAD Private - Support Boatcast, VLAN - Support Boatcast, Multicast and Unknown unicast Storm Control - Cable Diagnostics feature - SNTP - Integrated NDP/NTDP feature - System Log	_	- 802.1D STP	• VLAN
- STP Security: Loop back detection, TC Protect, BPDU Filter/Protect, Root Protect **IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode **Beside 1	reatures	- 802.1w RSTP	- Support IEEE802.1Q with 4K VLAN groups and
BPDU Filter/Protect, Root Protect *IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode *ILLDP *802.1p/DSCP priority *8 Priority Queues *Queue Scheduling *SP (Strict Priority) *WRR (Weighted Round Robin) *SP+WRR *IP-MAC-Port-VID Binding *Static/Dynamic Port Security (MAC-based) *Dos defend feature *Dynamic ARP Inspection *Support 802.1x port/MAC based authentication *Support 802.1x port/MAC based authentication *Support Radius authentication and accountability *Support Broadcast, Multicast and Unknown unicast Storm Control *Web-based GUI *Command Line Interface(CLI) through console port, telnet *SNMPv1/v2c/v3 *RMON (1,2,3,9 groups) *DHCP/BOOTP Client *DHCP Snooping *VLAN *Support GARP/GVRP feature *Bandwidth Control *Bandwidth Control *Access Control List (ACL) *Access Co		- 802.1s MSTP	4K VIDs
IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode **LLDP **802.1p/DSCP priority **Bandwidth Control **Port/Flow based Rating Limiting **Voice VLAN assure voice applications much smoother performance** **Quality of **Service (QoS)** **Queue Scheduling **Voice VLAN assure voice applications much smoother performance** **PWRR (Weighted Round Robin) **SP+WRR** **IP-MAC-Port-VID Binding **Access Control List (ACL) **C1 to L4 package _ltering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1x authentication **Support Backage _ltering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1x purt/MAC based authentication **Support Radius authentication and accountability **Secure web management through HTTPS and SSLv2/A3/TLSv1 **Secure remote command line interface (CLI) management with SSH v1/V2 **Through Console port, telnet **SNMPv1/v2c/v3 **Ping/Tracert feature **SNMPv1/v2c/v3 **Ping/Tracert feature **Ping/Tracert feature **Ping/Tracert feature **SNMPv1/v2c/v3 **Ping/		- STP Security: Loop back detection, TC Protect,	- Support Port VLAN, Protocol VLAN, and Private
Backpressure for Half Duplex mode			VLAN
*802.1p/DSCP priority			
Service (QoS) Priority Queues Port/Flow based Rating Limiting			
Quality of Service (QoS) • Queue Scheduling • Voice VLAN assure voice applications much smoother performance - SP (Strict Priority) - WRR (Weighted Round Robin) - SP+WRR - IP-MAC-Port-VID Binding • Access Control List (ACL) • Static/Dynamic Port Security (MAC-based) • L2 to L4 package _ltering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1x authentication • Support 802.1x port/MAC based authentication • Support 802.1x port/MAC based authentication • Support Radius authentication and accountability - Secure web management through HTTPS and SSLv2/N3/TLSv1 • Support Broadcast, Multicast and Unknown unicast Storm Control • Secure remote command line interface (CLI) management with SSH v1/V2 • Web-based GUI • CPU Monitoring • Command Line Interface(CLI) through console port, telnet • SNMPv1/v2c/v3 • SNMPv1/v2c/v3 • Ping/Tracert feature • SNMP • SNTP • DHCP/BOOTP Client • Integrated NDP/NTDP feature • DHCP Snooping • System Log			
Service (QoS) - SP (Strict Priority) - WRR (Weighted Round Robin) - SP+WRR IP-MAC-Port-VID Binding Static/Dynamic Port Security (MAC-based) DoS defend feature Dynamic ARP Inspection 802.1x authentication Support Rodius authentication and accountability Guest VLAN Support Broadcast, Multicast and Unknown unicast Storm Control Web-based GUI Command Line Interface(CLI) through console port, telnet SNMPv1/v2c/v3 RMON (1,2,3,9 groups) DHCP/BOOTP Client DHCP Snooping ORACCESS Control List (ACL) - L2 to L4 package _ltering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID - Time based ACL Secure web management through HTTPS and SSLv2/v3/TLSv1 Secure remote command line interface (CLI) management with SSH v1/v2 OPU Monitoring Port Mirroring (Many to One) Cable Diagnostics feature SNTP Integrated NDP/NTDP feature System Log			
- WRR (Weighted Round Robin) - SP+WRR *IP-MAC-Port-VID Binding *Static/Dynamic Port Security (MAC-based) *DoS defend feature *Dynamic ARP Inspection *802.1x authentication - Support 802.1x port/MAC based authentication - Support Radius authentication and accountability - Guest VLAN *Support Broadcast, Multicast and Unknown unicast Storm Control *Web-based GUI *Command Line Interface(CLI) through console port, telnet *SNMPv1/v2c/v3 *RMON (1,2,3,9 groups) *DHCP/BOOTP Client *DHCP Snooping *Access Control List (ACL) - L2 to L4 package _Itering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID - Time based ACL *Secure web management through HTTPS and SSLv2/v3/TLSv1 *Secure remote command line interface (CLI) management with SSH v1/V2 *CPU Monitoring *Port Mirroring (Many to One) *Cable Diagnostics feature *Ping/Tracert feature *SNTP *Integrated NDP/NTDP feature *System Log		_	
Advanced Security Strategies Advanced Security Support RaP Inspection Support RaP Inspection Support Radius authentication Support Radius authentication and accountability Guest VLAN Support Broadcast, Multicast and Unknown unicast Storm Control **OPU Monitoring Port Mirroring (Many to One) Cable Diagnostics feature SNMPv1/v2c/v3 Ping/Tracert feature SNTP Integrated NDP/NTDP feature System Log	Service (QoS)	-	smoother performance
Advanced Security Strategies - IP-MAC-Port-VID Binding - Static/Dynamic Port Security (MAC-based) - DoS defend feature - Dynamic ARP Inspection - 802.1x authentication - Support 802.1x port/MAC based authentication - Support Radius authentication and accountability - Guest VLAN - Support Broadcast, Multicast and Unknown unicast Storm Control - Web-based GUI - Command Line Interface(CLI) through console port, telnet - SNMPV1/v2c/v3 Management Management Management - IP-MAC-Port-VID Binding - Access Control List (ACL) - L2 to L4 package _ltering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID - Time based ACL - Secure web management through HTTPS and SSLv2/v3/TLSv1 - Secure remote command line interface (CLI) management with SSH v1/v2 - CPU Monitoring - Cable Diagnostics feature - SNMPv1/v2c/v3 - Ping/Tracert feature - SNTP - DHCP/BOOTP Client - DHCP Snooping - Access Control List (ACL) - L2 to L4 package _ltering based on source and destination MAC address, IP address, TCP/UDP - Cable on source and destination MAC address, IP address, TCP/UDP - CTIME Description - L2 to L4 package _ltering based on source and destination MAC address, IP address, TCP/UDP - CTIME Description - Time based ACL - Secure web management through HTTPS and SSLv2/v3/TLSv1 - Secure remote command line interface (CLI) - Secure remote command line interface			
Advanced Security Strategies - Static/Dynamic Port Security (MAC-based) - DoS defend feature - Dynamic ARP Inspection - 802.1x authentication - Support 802.1x port/MAC based authentication - Support Radius authentication and accountability - Guest VLAN - Support Broadcast, Multicast and Unknown unicast Storm Control - Web-based GUI - Command Line Interface(CLI) through console port, telnet - SNMPv1/v2c/v3 - RMON (1,2,3,9 groups) - DHCP/BOOTP Client - DHCP Snooping - L2 to L4 package _ltering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID - Time based ACL - Time based ACL - Secure web management through HTTPS and SSLv2/v3/TLSv1 - Secure remote command line interface (CLI) management with SSH v1/v2 - CPU Monitoring - Port Mirroring (Many to One) - Cable Diagnostics feature - SNTP - Integrated NDP/NTDP feature - System Log			A A A A A A A A A A A A A A A A A A A
Advanced Security Strategies Obs defend feature Dynamic ARP Inspection 802.1x authentication Support 802.1x port/MAC based authentication Support Radius authentication and accountability Guest VLAN Support Broadcast, Multicast and Unknown unicast Storm Control Web-based GUI Command Line Interface(CLI) through console port, telnet SNMPv1/v2c/v3 RMON (1,2,3,9 groups) DHCP/BOOTP Client DHCP Snooping destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID Time based ACL Secure web management through HTTPS and SSLv2/v3/TLSv1 Secure remote command line interface (CLI) management with SSH v1/V2 CPU Monitoring Port Mirroring (Many to One) Cable Diagnostics feature Ping/Tracert feature SNTP Integrated NDP/NTDP feature System Log		9	
Advanced Security Strategies • Dynamic ARP Inspection • 802.1x authentication - Support 802.1x port/MAC based authentication - Support Radius authentication and accountability - Guest VLAN • Support Broadcast, Multicast and Unknown unicast Storm Control • Web-based GUI • Command Line Interface(CLI) through console port, telnet • SNMPv1/v2c/v3 • RMON (1,2,3,9 groups) • DHCP/BOOTP Client • DHCP Snooping • Dynamic ARP Inspection ports, 802.1p, DSCP, protocol and VLAN ID - Time based ACL • Secure web management through HTTPS and SSLv2/v3/TLSv1 • Secure remote command line interface (CLI) management with SSH v1/v2 • CPU Monitoring • Port Mirroring (Many to One) • Cable Diagnostics feature • SNTP • Integrated NDP/NTDP feature • System Log			
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- Support Radius authentication and accountability - Guest VLAN - Support Broadcast, Multicast and Unknown unicast Storm Control • Web-based GUI • Command Line Interface(CLI) through console port, telnet • SNMPv1/v2c/v3 Management Management • RMON (1,2,3,9 groups) • DHCP/BOOTP Client • DHCP Snooping • Support Radius authentication and accountability • Secure remote command line interface (CLI) • CPU Monitoring • Port Mirroring (Many to One) • Cable Diagnostics feature • SNTP • Integrated NDP/NTDP feature • System Log			
- Guest VLAN Support Broadcast, Multicast and Unknown unicast Storm Control Web-based GUI Command Line Interface(CLI) through console port, telnet SNMPv1/v2c/v3 Management Management Management Management - Guest VLAN CPU Monitoring Port Mirroring (Many to One) Cable Diagnostics feature Ping/Tracert feature SNTP Integrated NDP/NTDP feature System Log			
Support Broadcast, Multicast and Unknown unicast Storm Control Web-based GUI Command Line Interface(CLI) through console port, telnet SNMPv1/v2c/v3 RMON (1,2,3,9 groups) DHCP/BOOTP Client DHCP Snooping Multicast and Unknown management with SSH v1/V2 CPU Monitoring Port Mirroring (Many to One) Cable Diagnostics feature Ping/Tracert feature SNTP Integrated NDP/NTDP feature System Log			
unicast Storm Control • Web-based GUI • Command Line Interface(CLI) through console port, telnet • SNMPv1/v2c/v3 • Ping/Tracert feature • SNTP • DHCP/BOOTP Client • DHCP Snooping • CPU Monitoring • Port Mirroring (Many to One) • Cable Diagnostics feature • Ping/Tracert feature • SNTP • Integrated NDP/NTDP feature			
Web-based GUI Command Line Interface(CLI) through console port, telnet SNMPv1/v2c/v3 RMON (1,2,3,9 groups) DHCP/BOOTP Client DHCP Snooping CPU Monitoring Port Mirroring (Many to One) Cable Diagnostics feature Ping/Tracert feature SNTP Integrated NDP/NTDP feature System Log			management man een voor voor
Command Line Interface(CLI) through console port, telnet SNMPv1/v2c/v3 RMON (1,2,3,9 groups) DHCP/BOOTP Client DHCP Snooping Port Mirroring (Many to One) Cable Diagnostics feature Ping/Tracert feature SNTP Integrated NDP/NTDP feature System Log	Management		CPU Monitoring
port, telnet SNMPv1/v2c/v3 Ping/Tracert feature RMON (1,2,3,9 groups) DHCP/BOOTP Client DHCP Snooping Cable Diagnostics feature Ping/Tracert feature SNTP Integrated NDP/NTDP feature System Log		Command Line Interface(CLI) through console	
• SNMPv1/v2c/v3 • Ping/Tracert feature • RMON (1,2,3,9 groups) • SNTP • DHCP/BOOTP Client • Integrated NDP/NTDP feature • DHCP Snooping • System Log		_	
Management • RMON (1,2,3,9 groups) • DHCP/BOOTP Client • DHCP Snooping • SNTP • Integrated NDP/NTDP feature • System Log			
 DHCP/BOOTP Client DHCP Snooping Integrated NDP/NTDP feature System Log 		• RMON (1,2,3,9 groups)	_
			Integrated NDP/NTDP feature
		DHCP Snooping	_
DHCP Server/Relay Dual Image		DHCP Server/Relay	Dual Image
• DHCP Option 82		• DHCP Option 82	

Software Features				
	• IEEE 802.3i 10BASE-T	• IEEE 802.1p QoS		
	• IEEE 802.3u 100BASE-TX/FX	 IEEE 802.1q VLANs / VLAN tagging 		
	• IEEE 802.3ab 1000BASE-T	• IEEE 802.1v Protocol VLAN		
Ethernet	• IEEE 802.3z 1000BASE-X	 IEEE 802.1d Spanning Tree Protocol (STP) 		
Protocols	• IEEE 802.3ae 10GBASE-SR/LR	 IEEE 802.1s Multiple Spanning Tree (MSTP) 		
	• IEEE 802.3av GVRP	 IEEE 802.1w Rapid Spanning Tree (RSTP) 		
	IEEE 802.3ad Link Aggregation	 IEEE 802.1x Network Login Security 		
	• IEEE 802.3x Flow control			
	• MIB II (RFC1213)	• RMON2 MIB (RFC2021)		
	Interface MIB (RFC2233)	 Radius Accounting Client MIB (RFC2620) 		
MIBs	Ethernet Interface MIB (RFC1643)	 Radius Authentication Client MIB (RFC2618) 		
	Bridge MIB (RFC1493)	 Remote Ping, Traceroute MIB (RFC2925) 		
	P/Q-Bridge MIB (RFC2674)	 Support TP-Link private MIBs 		
	• RMON MIB (RFC2819)			

Ordering Information

Host Switch	
Product Model	Description
T2700G-28TQ	JetStream 28-Port Gigabit Stackable L2+ Managed Switch
Auxiliary Products	
Product Model	Description
T2700G-28TQ-L1000	T2700G-28TQ Layer 3 License Upgrade
TX432	10-Gigabit 2-Port SFP + Module
TXM431-SR	10GBase-SR SFP+ LC Transceiver
TXM431-LR	10GBase-LR SFP+ LC Transceiver
TXC432-CU1M	1M Direct Attach SFP+ Cable
TXC432-CU3M	3M Direct Attach SFP+ Cable
RPS150	150W Redundant Power Supply
RPS2	Dual Bay Rackmountable RPS Shelf
PSM150-AC	150W AC Power Supply Modul
SFP Modules	
Product Model	Description
TL-SM311LS	Gigabit SFP module, Single-mode, LC interface, Up to 10km distance
TL-SM311LM	Gigabit SFP module, Multi-mode, LC interface, Up to 550m distance
TI CM 1001 A	Gigabit WDM Bi-Directional SFP Module, single-mode, LC connector,
TL-SM321A	TX:1550nm/RX:1310nm, 10km
TL-SM321B	Gigabit WDM Bi-Directional SFP Module, single-mode, LC connector,
I L JIVIJZ I D	TX:1310nm/RX:1550nm, 10km