

Product Overview

The PM154GTM V1 is a 10Gbps L3 Managed Switch independently developed by UNIPOE. It has 48*10/100/1000Mbps RJ45 ports, 6*10Gbps SFP+ optical module expansion slots, and 1 Console port. Supports static routing, provides complete security policies, QoS policies, and diversified

VLAN functions, and is easy to manage and maintain, meeting the networking and access requirements of enterprises, communities, hotels, office networks, and campus networks.

Product Features

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x standards.
- RJ45 Supports automatic port flip (Auto MDI/MDIX);
- Supports IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control;
- Panel indicators monitor working status and assist in fault analysis;
- Perfect security mechanism;
- High reliability design, supporting traditional STP/RST layer 3 link protection technology; Supports manual
 aggregation and dynamic aggregation, which increases link bandwidth, improves link reliability, and implements
 load balancing and link backup;
- Flexible and convenient management and maintenance Supports various management modes, such as Console, Telnet, and SSH;
- Supports WEB management, which is simple and efficient, and facilitates installation and debugging by engineering and maintenance personnel;
- Supports file upload and download management through TFTP.

UNIPOE

Product Specifications

Hardware Specification

Model	PM154GTM V1				
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE 802.1q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w, IEEE 802.3ad				
Interface	48*10/100/1000Mbps RJ45 Ports 6*10Gbps SFP+ Slots 1 Console Port				
Indicator	PWR, LNK/ACT, SYS				
Network Media	10BASE-T: UTP category 3,4,5 cable(≤100m) 100BASE-TX: UTP category 5, 5e cable(≤100m) 1000BASE-T: UTP category 5e, 5 cable(≤100m) 100BASE-FX:MMF,SMF 10000BASE-X: MMF, SMF				
MAC Address Table	32K, Auto-learning, Auto-aging				
Jumbo Frame	12KByte				
Packet Buffer	16Mbit				
Transfer Mode	Store-and-forward				
Packet Forward Speed	160.71Mpps				
Switching Capacity	216Gbps				
Dimensions(L*W*H)	440*260*44mm				
Power Supply	60W				
Input Power Supply	IN:100~240V AC, 50/60Hz				
Operating Temperature	0° C~40 ° C				
Storage Temperature	-40 ° C ~ 70 ° C				
Operating Humidity	10% ~ 90% non-condensing				
Storage Humidity	5% ~ 90% non-condensing				
Surge Protection	Common mode ±2KV Differential mode ±1KV;				
Certification	CE, FCC ClassA				
МТВF	>50000 hour				
Electrostatic Standard	Contact ±6KV, Air ±8KV				

Software Specification

		MAC Addross Sizo
		MAC Address Size
	MAC Address Table	MAC Aging Time MAC Filter
		MAC Filter
	Basic Management	Console/Telnet/SSH
		Http/Https, SSL/TLS
		FTP/TFTP
		Syslog
		SNMP(v1/v2c/v3), SNMP Trap
		SNTP/NTP
		CPU protect
		Software/Hardware watchdog
		Firmware Upgrade/Backup
		Ping/Traceroute
		Bandwidth Control
		Flow Control
		EEE
		MTU
		CFM(802.1ag)
	Port Config	EFM OAM(802.3ah)
		DDM
		Storm Control
		Port Isolation
		Port Security
		Virtual Cable Test
		ULDP/Cisco UDLD
	Discovery	LLDP(802.1ab)
L2 Features		LLDP-MED
	(Link Aggregation)	Static
		LACP(802.3ad)
		Load Balance(src-mac/dst-mac/src-ip/dst-ip)
		Max groups and ports per group
		VLAN(802.1Q 4K)
	VLAN	Access/Trunk/Hybrid
		Private VLAN
		VLAN Filter MAC-based VLAN
		Protocol-based VLAN IP Subnet-based VLAN
		Voice VLAN GVRP/GMRP
		· · ·
		QinQ/Selective-QinQ/Flexible QinQ VLAN Translation/N:1 VLAN Translation
		Guest VLAN
	Network Loop Detection	Loopback Detection ERPS
	Spanning Tree	STP/RSTP/MSTP
		MSTP Support 64 instance
		BPDU Guard/Root Guard/BPDU Tunnel
		Static ARP
		ARP Scanning Prevention
		ARP Spoofing Prevention
		ARP Guard
		Gratuitous ARP
		Dynamic ARP Inspection



IPv6 Related Function Arth Cularitity Control IPv4 Related Function ICMP ICMP Attack IPv4 Related Function ICMP Static Route IPv4 Related Function Control Multicast DCSCM Multicast VALN Multicast VALN IGMP Foroy IGMP Fast Leave IGMP Proxy DHCP General DHCP General DHCP General DHCP Month DHCP General DHCP General DHCP General DHCP General DHCP General DHCP General DHCP General DHCP General DHCPv6 Belay DHCPv6 Server DHCPv6 Server DHCPv6 Multicast Routing Static Route Security RA IPv6 Related Function IPv6 Support Security RA IPv6 Related Function Security RA IPv6 Support IPv6 Related Function Multicast Routing Static Route IPv6 Support IPv6 Related Function Fiv6 Support IPv6 Support IPv6 Support IPv6 Features IPv6 Tenet Support IPv6 Support IPv6 Support IPv6 Second IPv6 S	1	1		
ICMP ICMP Rate limit ICMP ICMP Provembry IPv6 Related Function Route Aggregation IPv4 Related Function Multicast VALN Multicast VALN Multicast VALN IGMP Fost Leave IGMP Fost Leave IGMP Fost Leave DHCP DHCP Server DHCP DHCP Server DHCP DHCP Sonoping DHCPV6 Server DHCPv6 Server IPv6 Multicast Routing Static Route IPv6 Server Security RA IPv6 Features IPv6 Salport IPv6 Features IPv6 Fadus- Support IPv6 Features IPv6 Fadus- Support IPv6 Server Secenduing <th></th> <th></th> <th>ARP Quantity Control</th> <th></th>			ARP Quantity Control	
IPv6 Related Function ICMP Unreachable Drop IPv4 Related Function Static Route IPv4 Related Function Multicast IGMP Fast Leave IGMP Fast Leave IGMP Proxy DHCP Server DHCP DHCP Genery DHCP Option 82/43/60/61/67 DHCP Option 82/43/60/61/67 DHCP Votion 82/43/60/61/67 DHCP Notion 82/43/60/61/67 DHCP Votion 82/43/60/61/67 DHCP Votion 82/43/60/61/67 DHCPV6 Ealay DHCP Votion 82/43/60/61/67 DHCPV6 Savia Security RA IPv6 Savia Security RA IPv6 Votionst Routing Matticast Route IPv6 Features IPv6 Support IPv6 Features IPv6 Savia IPv6 Features IPv6 Savia IPv6 IPSE Support IPv6 Savia IPv6 IPSE Support IPv6 IPSE Support IPv6 IPSE Support IPv6 IPSE Support				
IPv4 Related Function Static Route Route Aggregation IPv4 Related Function Control Multicast DCSCM Multicast VALN Multicast VALN IGMP Fast Leave IGMP Fast Leave IDHCP Server DHCP Server DHCP DHCP Client/RDOTP DHCP DHCP Relay DHCP option 82/43/60/61/67 DHCPvG Server DHCPvG Server DHCPvG Server DHCPvG Server DHCPvG Server DHCPvG Server DHCPvG Server DHCPvG Server DHCPvG Server IPv6 Unicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Features Static Route IPv6 Support IPv6 Support IPv6 Features IPv6 Staffust Route IPv6 Staffust Routing Static Route IPv6 Features IPv6 Staffust Route IPv6 Staffust Routing Staffust Route IPv6 Features IPv6 Staffust Route IPv6 Features IPv6 Route <t< td=""><th>ICMP</th><td></td><td></td></t<>		ICMP		
IP Forward Route Aggregation Control Multicast DCSCM Multicast VALN Multicast VALN IGMP Fast Leave IGMP Fast Leave IGMP Fast Leave DHCP Server DHCP Server DHCP DHCP Clent/BOOTP DHCP DHCP Option 82/A3/60/61/67 DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Support IPv6 Multicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Features IPv6 Support IPv6 Freatures IPv6 Support IPv6 Relay Support IPv6 Relay IPv6 Relay Support IPv6 Relay IPv6 Freatures IPv6 Relay IPv6 Relay Support IPv6 Relay IPv6 Relay Support IPv6 Suport IPv6 Relay				
Control Multicast DCSCM IBV4 Related Function Multicast VALN Multicast VALN IGMP Fast Lave		IP Forward		
IPv4 Related Function Multicast VALN Multicast VALN IGMP Fast Leave IGMP Proxy IGMP Fast Leave IGMP Proxy DHCP Server DHCP Server DHCP Server DHCP Comprise DHCP Server DHCP Server DHCP Social Server DHCP Server DHCP Server DHCP Server DHCP Server DHCP Server DHCPV6 DHCP Server DHCPV6 Server DHCPv6 Savi Security RA Security RA IPv6 Unicast Routing Static Route IPv6 Savi IPv6 Multicast Routing Static Route IPv6 Support IPv6 Related Function IPv6 Features Static Route IPv6 Support IPv6 Related Function IPv6 Features Static Route IPv6 Support IPv6 Related Function IPv6 Features Static Route IPv6 Support IPv6 Related Function IPv6 Features IPv6 Support IPv6 Support IPv6 Related Function IPv6 Relates Support IPv6 Support IPv6 Support IPv6 Relates Suport IPv6 Support IPv6 Support<		Constant Marking at		
IPv6 Related Function IPv6 Related Function IPv6 Related Function IPv6 Features IPv6 Related Support IPv6 IPfIFTFFFFFFFFF IPv6 IPfIFFFFFFFFFFF IPv6 IPfIFFFFFFFFFF IPv6 IPfIFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF			DCSCM	
IGMP Fast Lave IGMP IGMP Proxy IGMP Proxy DHCP Server DHCP Server DHCP Cellent/BOOTP DHCP Relay DHCP Relay DHCPv6 DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server IPv6 Unicast Routing Security RA IPv6 Multicast Routing Static Route IPv6 Features SSH over IPv6 Support IPv6 Features IPv6 Teaters Support IPv6 Sec Support IPv6 Static Route IPv6 Strest Support IPv6 Strest Support	IPv4 Related Function	Multicast VALN	Multicast VALN	
IGMP Proxy IGMP Proxy DHCP Server DHCP Gerver DHCP Dient/BOOTP DHCP Cellent/BOOTP DHCP Areas DHCP Notoping DHCP Option 82/43/60/61/67 DHCP Vefore 82/43/60/61/67 DHCP Option 82/43/60/61/67 DHCPV6 Server DHCPV6 Server DHCPV6 Server DHCPV6 Server DHCPV6 Security RA IPv6 Unicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Features SNMP over IPv6 Support IPv6 Support SHO over IPv6 Support IPv6 Features IPv6 Telnet Support IPv6 Telnet Support IPv6 Sec Support IPv6 FP/TFTP Support IPv6 Sec Support IPv6 FP/TFTP Support IPv6 Sec Support IPv6 Forther Sec Support IPv6 Act IPv6 FP/TFTP Support IPv6 Sec Support IPv6 Sec Support IPv6 Act IPv6 FRE SP Scheduling WDRR B				
UPCP DHCP Server DHCP DHCP Relay DHCP Nooping DHCP Nooping DHCP Server DHCP V6 Relay DHCPV6 Relay DHCPV6 Relay DHCPv6 Relay DHCPV6 Relay DHCPv6 Savoping DHCPV6 Savoping IPv6 Junicast Routing Static Route IPv6 Multicast Routing MLD v1/V2 Snooping IPv6 Multicast Routing MLD v1/V2 Snooping IPv6 Savoport SSMVP over IPv6 Support IPv6 Features SSMVP over IPv6 Support IPv6 Features IPv6 Features IPv6 Savoport IPv6 Support IPv6 Savoport IPv6 Support IPv6 Features IPv6 Salus+ Support IPv6 Savoport IPv6 Savoport IPv6 Savoport IPv6 Savoport IPv6 Savoport IPv6 Savoport IPv6 Sover IPv1 IPv6 Savoport IPv6 Sover IPv1 IPv6 Savoport IPv6 Features IPv6 Savoport IPv6 Sover IPv1 IPv6 Savoport IPv6 Sover IPv1 IPv6 Savoport IPv6 IPsecs Support IP		IGMP		
DHCP DHCP DHCP Nooping DHCP Snooping DHCPV6 DHCP Snooping DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server DHCPv6 Server IPv6 Unicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Features SSIMP over IPv6 Support IPv6 Features SSIMP over IPv6 Support IPv6 Features IPv6 Features IPv6 Features IPv6 Server IPv6 Support IPv6 Support IPv6 Support IPv6 Support IPv6 Features IPv6 Support IPv6 Support IPv6 Support IPv6 Features SSH over IPv6 Support IPv6 Fight Staces+ Support IPv6 Stripp IPv6 Support IPv6 Stripp IPv6 Stripp Staces+ Support IPv6 Stripp Staces+ Support IPv6 Stripp Staces+ Support IPv6 ACL Trust Port Scheduling WDRR Agg				
DHCP DHCP Relay DHCP Snooping DHCP of No 82/43/60/61/67 DHCP Of No 82/43/60/61/67 DHCP V6 DHCP V6 Snooping DHCP V6 DHCP V6 Snooping DHCP V6 IPv6 SAVI Security RA IPv6 Multicast Routing Static Route IPv6 Multicast Routing MLD v1/v2 Snooping IPv6 Features SNMP over IPv6 Support IPv6 Features SNMP over IPv6 Support IPv6 Features IPv6 Telnet Support IPv6 Features IPv6 Telnet Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 SAVI IPv6 SNTP/NTP Support IPv6 SAVI IPv6 SNTP/NTP Support IPv6 SAVI IPv6 SAVI WDRR WDRR WDRR PolicyMap Stream Sased on COS/DSCP Aggregate PolicyMap Ingress Policing Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress Policing Octop: Op:OP/IPv6 DSCP Aggregate PolicyMap Ingress Policing Ingress Policing <				
Basic Trust CoS/DSCP IPv6 Gelaiust Of Service DHCPv6 DHCPv6 Static Route DHCPv6 Static Route IPv6 MLD v1/V2 Snooping Static Route Static Route IPv6 Multicast Routing Static Route DHCPv6 Static Route IPv6 Features MLD v1/V2 Snooping IPv6 Forter Support DHS over IPv6 Support IPv6 Forter Support IPv6 Suport IPv6 Forter Support IPv6 Forter Support IPv6 Forter Support IPv6 Forter Support IPv6 Forter Support IPv6 ACL IPv6 ACL Static Route IPv6 Forter Support IPv6 ACL IPv6 Forter Support IPv6 Forter Support IPv6 Forter Support IPv6 Forter Support IPv6 Forter Support IPv6 Forter Supor		DHCP		
QoS(Quality Of Service) DHCP Option 82/43/60/61/67 DHCPv6 Relay DHCPv6 Server DHCPv6 Relay DHCPv6 Server IPv6 SAVI Security RA IPv6 Unicast Routing Static Route IPv6 Multicast Routing Static Route IPv6 Savi Security RA IPv6 Features SNMP over IPv6 Support IPv6 Features SNMP over IPv6 Support IPv6 Features IPv6 Telnet Support IPv6 Features IPv6 Telnet Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 Features IPv6 SNTP/NTP Support IPv6 File SP Scheduling WRR WORR WORR PolicyMap Stream Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap IPv6 Exervice DSCP to DSCP Aggregate PolicyPinevicity Ingress/Egress Rewrite				
PHCPv6 DHCPv6 Server DHCPv6 Snoping IPv6 SAVI Security RA IPv6 Inicast Routing Static Route IPv6 Multicast Routing MLD v1/v2 Snopping IPv6 Related Function MLD v1/v2 Snopping IPv6 Features SNMP over IPv6 Support IPv6 Features SSH over IPv6 Support IPv6 Features IPv6 Fracces IPv6 Features IPv6 Suport IPv6 Features IPv6 Fracces IPv6 Support IPv6 Support IPv6 Features IPv6 Support IPv6 Freatures IPv6 Support IPv6 Support IPv6 Support <th></th> <td></td> <td></td>				
DHCPv6 DHCPv6 Relay DHCPv6 Snooping IPv6 SAVI IPv6 SAVI Security RA IPv6 Multicast Routing Static Route IPv6 Multicast Routing MLD v1/V2 Snooping IPv6 Features SNMP over IPv6 Support IPv6 Features SSH over IPv6 Support IPv6 Features IPv6 Tellent Support IPv6 Features IPv6 Tellent Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 Features IPv6 Features IPv6 Features Security RA IPv6 Features IPv6 Features IPv6 Features <				
DHCPv6 DHCPv6 Snooping IPv6 SAVI Security RA IPv6 Unicast Routing Static Route IPv6 Multicast Routing MLD v1/V2 Snooping IPv6 Multicast Routing MLD v1/V2 Snooping IPv6 Features SNMP over IPv6 Support IPv6 Features SSH over IPv6 Support IPv6 Features IPv6 Tacacs+ Support IPv6 Features IPv6 Tacacs+ Support IPv6 IPSC Support IPv6 States Support IPv6 IPSC Support IPv6 States Support IPv6 Features IPv6 Tacacs+ Support IPv6 IPSC Support IPv6 States Support IPv6 IPSC Support IPv6 States Support IPv6 States Support IPv6 St				
IPv6 SAVI Security RA IPv6 Unicast Routing Static Route IPv6 Multicast Routing MLD v1/V2 Snooping IPv6 Related Function MLD v1/V2 Snooping IPv6 Features SSH over IPv6 Support IPv6 Features IPv6 Filent Support IPv6 Features IPv6 Fadius+ Support IPv6 SNTP/NTP Support IPv6 Fadius+ Support IPv6 SNTP/NTP Support IPv6 SAVI IPv6 Fadius+ Support IPv6 Fadius+ Support IPv6 SNTP/NTP Support IPv6 SAVI IPv6 SNTP/NTP Support IPv6 SAVI IPv6 ACL Trust COS/DSCP Trust COS/DSCP Scheduling WRR WRR PolicyMap Stream Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap IPve CACP IPve Acting IPve CACP Aggregate PolicyMap Ingress PolicyMap IPve SocyPore Policing IPve CACP Aggregate PolicyMap IPve CACP <th></th> <th>DUCD</th> <td>/</td> <td></td>		DUCD	/	
Basic Security RA IPv6 Related Function IPv6 Multicast Routing Static Route IPv6 Related Function MLD v1//2 Snopping MLD v1//2 Snopport IPv6 Related Function MLD v1/v2 Snopport MLD v1/v2 Snopport IPv6 Related Function HTTP over IPv6 Support MLD v1/v2 Snopport IPv6 Related Function HTTP over IPv6 Support SNMP over IPv6 Support IPv6 Features IPv6 Telnet Support IPv6 Related Support IPv6 Telnet Support IPv6 Telnet Support IPv6 Relates Support IPv6 Telnet Support IPv6 Telnet Support IPv6 Stopport IPv6 Telnet Support IPv6 Stopport IPv6 Stopport IPv6 Stopport IPv6 Stopport IPv6 Stopport IPv6 Stopport IPv6 Stopport IPv6 Stopport IPv6 Scheduling Trust COS/DSCP SP Scheduling WDRR Based on VLAN Based on VLAN Based on VLAN Based on VLAN Policing COS/802.1p Priority Ingress Policing Ingress Policing COS/802.1p Priority IPv Precedence IPv4 DSCP/IPv6 D		DHCPV6		
IPv6 Unicast Routing Static Route IPv6 Related Function IPv6 Multicast Routing MLD v1/V2 Snooping HTTP over IPv6 Support HTTP over IPv6 Support Based DNS over IPv6 Support IPv6 Features IPv6 Finet Support IPv6 Related Function IPv6 Features IPv6 Features IPv6 Telnet Support IPv6 Related Function IPv6 Related Support IPv6 Features IPv6 Related Support IPv6 Related Support IPv6 Related Support IPv6 Support IPv6 R				
IPv6 Multicast Routing MLD v1/V2 Snopping IPv6 Related Function SNMP over IPv6 Support IPv6 Related Function SNMP over IPv6 Support IPv6 Features SSM over IPv6 Support IPv6 Features IPv6 Teinet Support IPv6 Teinet Support IPv6 Teinet Support IPv6 Teinet Support IPv6 Teinet Support IPv6 Tacacs+ Support IPv6 Tacacs+ Support IPv6 Free Teinet Support IPv6 Free Support IPv6 Free Teinet Support IPv6 Support IPv6 Free Teinet Support IPv6 Free Support IPv6 Free Support IPv6 Support IPv6 Support IPv6 ACL Trust COS/DSCP Trust Port Based on COS/DSCP Aggregate PolicyMap Ingress Policing Cos/Support Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap IPv6 DSCP/IPv6 DSCP Aggregate Polic			· ·	
IPv6 Related Function SNMP over IPv6 Support IPv6 Related Function SNMP over IPv6 Support IPv6 Features IPv6 Support IPv6 Features IPv6 Features IPv6 Telnet Support IPv6 Radius+ Support IPv6 Features IPv6 Telnet Support IPv6 Telnet Support IPv6 Radius+ Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 SCP Trust COS/DSCP Scheduling WRR WDRR Based on VLAN Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Policing COS/802.1.9 Priority IPv4 DSCP/IPv6 DSCP IPv4 DSCP/IPv6 DSCP Rewrite IPv4 DSCP/IPv6 DSCP IPv4 DSCP/IPv6 DSCP Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping			Static Route	
IPv6 Related Function HTTP over IPv6 Support IPv6 Features SSH over IPv6 Support IPv6 Features IPv6 File IPv6 Fadius+ Support IPv6 Fadius+ Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 ACL IPv6 Related Function IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 ACL IPv6 Related Function IPv6 Related Function IPv6 SNTP/NTP Support IPv6 ACL IPv6 SNTP/NTP Support IPv6 ACL IPv6 Related Function IPv6 Related Function IPv6 SNTP/NTP Support IPv6 Related Function IPv6 SNTP/NTP Support IPv6 Related Function IPv6 Related Function IPv6 Related Function IPv6 SNTP/NTP Support IPv6 Related Function IPv6 Related Function IPv6 Related Function		IPv6 Multicast Routing		
QoS(Quality Of Service) Policing Rewrite For interman QoS(Quality Of Service) Policing Cost Quality Of Service Poli				
QoS(Quality Of Service) Policing COS/Parted Policing CAR Stream Shaping(leak algorithm) Policing COS/DSCP Rewrite COS/Ported Policing COS/DSCP Policing COS/DSCP Policing COS/DSCP Policing COS/DSCP Policing CAR Stream Shaping(leak algorithm) Policing COS/DSCP Policing CAR Stream Shaping(leak algorithm) Policing COS/DSCP Policing COS/DSCP Policing CAR Stream Shaping(leak algorithm) Policing Ingress Policing COS/DSCP Policing Discreation Discreation Policing COS/DSCP Policing COS/DSCP Policing Ingress Policing Ingress Policing COS/DSCP Policing Discreating Ingress Policing COS/DSCP IP V4 DSCP/IPV6 DSCP IP V4 DSCP/IPV6 DSCP IP V4 DSCP/IPV6 DSCP Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DSCP mapping	IPv6 Related Function			
QoS(Quality Of Service) Policing IPv6 ping/traceroute Support IPv6 Features IPv6 Telnet Support IPv6 Radius+ Support IPv6 Radius+ Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 FTP/TFTP Support IPv6 ACL Trust COS/DSCP Trust COS/DSCP Scheduling WRR WDR Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap IPV ASCP- Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap IPV ADSCP/IPV6 DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap IPV ADSCP/IPV6 DSCP IPV ADSCP/IPV6 DSCP Aggregate PolicyMap IPV ADSCP/IPV6 DSCP IPV ADSCP/IPV6 DSCP IPV ADSCP/IPV6 DSCP IPV ADSCP/IPV6 DSCP IPV ADSCP/IPV6 DSCP IDV ADSCP IDV DDSCP Napping IPV ADSCP IDV PMAP IDSCP to DSCP mapping DSCP to DSCP mapping				
IPv6 Features IPv6 Teinet Support IPv6 Radius+ Support IPv6 Radius+ Support IPv6 Tacacs+ Support IPv6 SNTP/NTP Support IPv6 SNTP/NTP Support IPv6 IPSec Support IPv6 ACL IPv6 ACL Scheduling SP Scheduling WRR WDRR Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Policing CAS Stream Shaping(leak algorithm) Ingress Policing IP Precedence IPv4 DSCP/IPv6 DSCP IPrecedence Aggregate PolicyMap IPrecedence Ingress PolicyMap Ingress PolicyMap Outening DSCP to DSCP Aggregate Seewrite DSCP to DP mapping				
QoS(Quality Of Service) IPv6 reatures IPv6 Radius+ Support IPv6 TP/TFTP Support IPv6 SNTP/NTP Support IPv6 FP/TFTP Support IPv6 FP/TFTP Support IPv6 FP/TFTP Support IPv6 ACL Trust COS/DSCP Trust COS/DSCP Scheduling WRR WRR WRR PolicyMap Stream Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress Policing Ingress Policing Policing COS/802.1p Priority IPv6 ASCP/IPv6 DSCP Ingress Policing Ingress Policing Ingress Policing Ingress Policing Ingress Policing IPv6 DSCP/IPv6 DSCP IPv6 DSCP Guauing IP Precedence IPv6 DSCP / IPv6 DSCP IP Precedence IPv6 DSCP/IPv6 DSCP IPv6 DSCP JDSCP to DSCP mapping DSCP to DSCP mapping		IPv6 Features		
QoS(Quality Of Service) IPv6 Tacacs+ Support IPv6 SNTP/NTP Support IPv6 FTP/TFTP Support IPv6 FTP/TFTP Support IPv6 ACL Trust COS/DSCP Trust COS/DSCP Scheduling WRR WDRR Based on VLAN Based on VCS/DSCP Aggregate PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IPV4 DSCP/IPV6 DSCP drop-precedence Internal-priority Ingress Rewrite Durating DiscP to DSCP mapping			••	
QoS(Quality Of Service) Policing IPv6 SNTP/NTP Support IPv6 FTP/TFTP Support IPv6 FTP/TFTP Support IPv6 ACL IPv6 ACL Trust COS/DSCP Trust COS/DSCP Scheduling SP Scheduling WRR WDRR WDR Based on VLAN Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress PolicyMap Ingress Policing COS/802.1p Priority IP Precedence IP V4 DSCP/IPv6 DSCP drop-precedence Internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DSCP mapping				
QoS(Quality Of Service) PolicyMap Stream IPv6 FTP/TFTP Support PolicyMap Stream SP Based on VLAN Based on COS/DSCP Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IPv4 DSCP/IPv6 DSCP Ingress Policing QoS(Quality Of Service) Oueuing COS/BOSCP Discretare Based on COS/DSCP Aggregate PolicyMap Ingress Policing Ingress Policing Ingress PolicyMap Ingress Policing Ingress Policing Ingress Policing IP recedence IP Precedence IPv4 DSCP/IPv6 DSCP drop-precedence Ingress/Egress Rewrite DSCP to DSCP mapping				
IPv6 IPSec Support IPv6 ACL IPv6 ACL Trust COS/DSCP Trust Port Scheduling Scheduling PolicyMap Stream Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing Ingress Policing COS/802.1p Priority IP Precedence IPV4 DSCP/IPV6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DSCP mapping				
IPv6 ACL IPv6 ACL Trust COS/DSCP Trust Port SP Scheduling WRR WDRR Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IPV6 DSCP Arewrite Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping				
Basic Trust COS/DSCP Trust Port Scheduling SP WRR WDRR Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IP Precedence IP v4 DSCP/IPv6 DSCP drop-precedence Internal-priority Ingress/Egress Rewrite Durening DSCP to DSCP mapping				
Basic Trust Port Scheduling SP Scheduling WRR WDRR Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IP Precedence IPv4 DSCP/IPv6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DSCP mapping				
Scheduling SP WRR WDRR Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IP Precedence Internal-priority Ingress/Egress Rewrite Outeuing DSCP to DSCP mapping		Basic		
Scheduling WRR WDRR Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IP Precedence Ingress/Egress Rewrite Ingress/Egress Rewrite Oueuing DSCP to DSCP mapping				
QoS(Quality Of Service) WDRR Based on VLAN Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IP V4 DSCP/IPV6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping DSCP to DP mapping		Scheduling		
QoS(Quality Of Service) Based on VLAN PolicyMap Stream Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IP V4 DSCP/IPV6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping DSCP to DP mapping				
PolicyMap Stream Based on COS/DSCP Aggregate PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing COS/802.1p Priority IP Precedence IPV4 DSCP/IPv6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping				
PolicyMap Stream Aggregate PolicyMap Ingress PolicyMap Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing Ingress Policing COS/802.1p Priority IP Precedence IPv4 DSCP/IPv6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping		PolicyMap Stream		
QoS(Quality Of Service) Ingress PolicyMap Policing CAR Stream Shaping(leak algorithm) Ingress Policing Ingress Policing COS/802.1p Priority IP Precedence IPv4 DSCP/IPv6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping				
QoS(Quality Of Service) Policing CAR Stream Shaping(leak algorithm) Ingress Policing Ingress Policing COS/802.1p Priority IP Precedence IPv4 DSCP/IPv6 DSCP drop-precedence drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping DSCP to DP mapping				
Policing Ingress Policing Ingress Policing COS/802.1p Priority IP Precedence IP V4 DSCP/IPv6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping DSCP to DP mapping	QoS(Quality Of Service)			
Rewrite COS/802.1p Priority IP Precedence IPv4 DSCP/IPv6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping DSCP to DP mapping		Policing		
Rewrite IP Precedence IPv4 DSCP/IPv6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping				
Rewrite IPv4 DSCP/IPv6 DSCP drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping DSCP to DP mapping		Rewrite		
drop-precedence internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping				
internal-priority Ingress/Egress Rewrite DSCP to DSCP mapping DSCP to DP mapping			· · · · · · · · · · · · · · · · · · ·	
DSCP to DSCP mapping DSCP to DP mapping				
DSCP to DSCP mapping DSCP to DP mapping			Ingress/Egress Rewrite	
DSCP to Queue mapping		Queuing	DSCP to DP mapping	
COS to DP mapping			COS to DP mapping	

UNIPOE

		VIII
		COS to Queue mapping
		SIP/DIP
		IP Protocol
	IP-ACL	IP Priority(DSCP,TOS, Precedence)
		TCP,UDP src,dst Port
		SRC/DST MAC
ACL		VLAN
	MAC-ACL	COS
		Tag/Untag
	IP-MAC ACL	MAC-ACL and IP-ACL
	User-defined ACL	Base on user defined profile
		Based on time period ACL
	ACL Features	ACL on VLAN
		Based on ACL Stream
		Port Based Authentication
		Support EAPoR
	802.1x	MAC based Authentication
		Guest VLAN
		Based on Port Authentication
	MAB	Based on MAC Authentication
	MAC Address Count	Based on Port
	Limit	Based on VLAN
		Based on Port
Security	IP Address Count Limit	Based on VLAN
	Access Management	Based on source mac and IP address
		TCP Flag
		TCP Flagment
	Deny DoS Attack	IP Segment
		ICMP
	TACACS+	Standard Support
		Standard Support
	Radius	Client, Support MD5
	SSL	Openssl 1.1.0
	MRPP	Compatiable ERRP
Redundancy Related		Uplink Protection Protocol
Function	ULPP	
Function		Smart Link/Monitor Link
	ULSM	Uplink State Monitor
		Support one to one, multi to one
Mirror	Mirror	Port based mirror, support ingress, egress, and both
		CPU based mirror
		Flow based mirror
		RSPAN

Ordering Information

Model	Product Information	
PM154GTM V1	48GE+6*10G SFP+ L3 Managed Switch	

UNIPOE IOT Technology Co., Ltd

Web: www.unipoe.com Mail: unipoe@unipoe.com Tel: 0769-8600 1588 Fax: 0769-8600 1800