



L2+ (Layer 3 Lite) IPv6 / IPv4 Managed Gigabit Switches

Layer 3 Static Routing Capability

The Layer 2+ Managed Switch series is PLANET's latest Layer 2 Managed switch family which supports IPv4/IPv6 Layer 3 static routing. Designed for system integrators and SMEs, the Layer 2+ series provides not only ultra high transmission performance and excellent layer 2 technologies but also offers IPv4/IPv6 VLAN routing feature which allows to get across different VLANs and different IP addresses for the purpose of having a highly secured, flexible management and simpler networking applications.

Cost-effective Layer 3 Solution

Most of the system integrators build an intranet routing network for IP surveillance or wireless AP, with no choice to install a fully-functioned Layer 3 switch at a high cost even though the project just needs network equipment for static IP routing. PLANET Layer 2+ series meets the market demands by supporting basic Layer 3 static routing at the cost of just Layer 2 switch.

Multiple Layer 3 IP Interfaces

Unlike the typical Layer 2 or 3 switch's applications, PLANET Managed PoE switch series features advanced PoE management functions such as PD Alive Check and ICMP Ping Diagnostic for IP surveillance and wireless AP networks. With the built-in 128 IPv4 / IPv6 VLAN interfaces, the L2+ Managed PoE switches allow to segment network into workgroups by applications but monitor connected PDs (Powered Devices) status in different VLANs and IP domains at the same time.

Key Features

- IPv4 / IPv6 Layer 3 Static Routing
- Max. 128 VLAN routing interfaces
- L2/L3/L4 Policy-based QoS
- L2/L3/L4 Multi-Layer Access Control
- IPv4 IGMP Snooping v1, v2 and v3 / IPv6 MLD Snooping v1 and v2
- IGMP Querier and Multicast VLAN registration
- DHCP Snooping / ARP Inspection and IP Source Guard
- 802.1X / RADIUS / TACACS+ Authentication



L2+ (Layer 3 Lite) IPv6 / IPv4 Managed Gigabit Switches

Category		10G Uplink Switch			Metro Fiber Switch		
Model		XGSW-28040	XGSW-52040	SGSW-26040	MGSD-10080F	MGSW-24160F	MGSW-28240F
Hardware	Product Image						
	10/100/1000Base-T	24	48	24	2	8	4 combo
	100/1000Base-X	4	4	4	8	16	24
	10G SFP+ Slot	4	4	4 (2 for stacking)	-	-	-
	Switch Fabric	128Gbps	176Gbps	128Gbps	20Gbps	48Gbps	128Gbps
	Dimensions (WxDxH)	440 x 200 x 44 mm	440 x 300 x 44 mm	440 x 200 x 44 mm	330 x 155 x 43.5 mm	440 x 200 x 44 mm	440 x 200 x 44 mm
Layer 3 Features	Redundant Power	-	-	-	■	■	■
	IP Interfaces	Max. 128 VLAN interfaces					
	Routing Tables	Max. 32 routing entries					
	Routing Protocols	IPv4 static routing / IPv6 static routing					
	Hardware Accelerator	■	■	■	-	-	■

Category		Standalone					
Model		WGSD-10020	WGSW-24040	WGSW-24040R	WGSW-24240	WGSW-24240R	WGSW-52040
Hardware	Product Image						
	10/100/1000Base-T	8	24	24	8 combo	8 combo	48
	100/1000Base-X	2	4 combo	4 combo	24	24	4
	10G SFP+ Slot	-	-	-	-	-	-
	Switch Fabric	20Gbps	48Gbps	48Gbps	48Gbps	48Gbps	104Gbps
	Dimensions (WxDxH)	330 x 155 x 43.5 mm	440 x 200 x 44 mm	440 x 200 x 44 mm	440 x 200 x 44 mm	440 x 200 x 44 mm	440 x 230 x 44 mm
Layer 3 Features	Redundant Power	-	-	■	-	■	-
	IP Interfaces	Max. 128 VLAN interfaces					
	Routing Tables	Max. 32 routing entries					
	Routing Protocols	IPv4 static routing / IPv6 static routing					
	Hardware Accelerator	-	-	-	-	-	-

Category		PoE Switch					
Model		XGSW-28040HP	WGSD-10020HP	WGSW-20160HP	WGSW-24040HP	WGSW-24040HP4	WGSW-48040HP
Hardware	Product Image						
	10/100/1000Base-T	24	8	20	24	24	48
	100/1000Base-X	4 combo	2	4 combo	4 combo	4 combo	4
	10G SFP+ Slot	4	-	-	-	-	-
	PoE 802.3at Port	24	8	16	24	24	48
	PoE Budget	440W	-	220W	220W	440W	600W
	Switch Fabric	128Gbps	20Gbps	40Gbps	48Gbps	48Gbps	96Gbps
	Dimensions (WxDxH)	440 x 300 x 44 mm	330 x 155 x 43.5 mm	440 x 300 x 44 mm	440 x 300 x 44 mm	440 x 300 x 44 mm	440 x 440 x 44 mm
Layer 3 Features	IP Interfaces	Max. 128 VLAN interfaces					
	Routing Tables	Max. 32 routing entries					
	Routing Protocols	IPv4 static routing / IPv6 static routing					
	Hardware Accelerator	■	-	-	-	-	■

Category		Industrial Switch					
Model		IGS-10020MT	IGS-10080MFT	IGS-10020HPT	IGS-10020PT	IGS-20040MT	IGSW-24040HPT
Hardware	Product Image						
	10/100/1000Base-T	8	2	8	8	16	24
	100/1000Base-X	2	8	2	2	4	4
	10G SFP+ Slot	-	-	-	-	-	-
	PoE 802.3at Port	-	-	8	8 x 802.3af	-	24
	PoE Budget	-	-	max. 240W	max. 125W	-	-
	Switch Fabric	20Gbps	20Gbps	20Gbps	20Gbps	40Gbps	48Gbps
	Dimensions (WxDxH)	440 x 300 x 44 mm	330 x 155 x 43.5 mm	440 x 300 x 44 mm	440 x 300 x 44 mm	440 x 300 x 44 mm	440 x 300 x 44 mm
Layer 3 Features	Redundant Power	■	■	■	■	■	■
	IP Interfaces	Max. 128 VLAN interfaces					
	Routing Tables	Max. 32 routing entries					
	Routing Protocols	IPv4 static routing / IPv6 static routing					
	Hardware Accelerator	-	-	-	-	-	-