



Data+Power

Power over Ethernet

Compact, Affordable, Safe & Reliable Power Solution

- 15 Watts IEEE 802.3af PoE
- 30 Watts IEEE 802.3at PoE
- 450 Watts Full PoE Budget
- Fast Ethernet / Gigabit Ethernet High Speed PoE
- Scheduled PoE Power Control
- Over Temperature Protection
- PoE Event / Threshold Alarm
- Syslog / SNMP Trap / SMTP PoE Alarm

2 Managed Switch

2 802.3at High Power PoE Switch

3 802.3af PoE Switch

4 Web Smart Switch

4 Unmanaged Switch

4 802.3at High Power PoE Switch

5 802.3af PoE Switch

5 Industrial Switch

5 Managed PoE Switch

6 Unmanaged PoE Switch

7 Injector Hub






7 802.3at High Power PoE Injector Hub

7 802.3af PoE Injector Hub









8 Injector

8 Splitter









8 Extender










IEEE 802.3at High Power PoE Managed Switch						
		Gigabit			Fast Ethernet	
Model		WGSD-10020HP	WGSW-20160HP	SGSW-24040HP	FGSD-1022HP	WGSW-2620HP
Product Image						
Hardware	10/100Base-TX	-	-	-	8	24
	10/100/1000Base-T	8	20	24	2	2
	1000Base-SX/LX	2 SFP	4 SFP	4 combo SFP	2 combo SFP	2 combo SFP
	Switch Fabric	20Gbps	40Gbps	68Gbps	5.6Gbps	8.8Gbps
PoE SPEC.	Throughput	11.904Mpps	29.7Mbpps	35.714Mpps	4.16Mpps	6.547Mpps
	PoE Standard	802.3af / 802.3at	802.3af / 802.3at	802.3af / 802.3at	802.3af / 802.3at	802.3af / 802.3at
	PSE Type	End-Span	End-Span	End-Span	End-Span	End-Span
	Power Pin Assignment	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)
PoE Ability	PoE Port	8	16	24	8	24
	PoE Power Output	56V DC, Max. 30.8 watts	56V DC, Max. 30.8 watts	52V DC, Max. 30.8 watts	56V DC, Max. 30.8 watts	52V DC, Max. 30.8 watts
	PoE Budget	150 watts	230 watts	360 watts	150 watts	360 watts
	Number of Class 2 PD @ 6.5Watts	8	16	24	8	24
Intelligent PoE Control	Number of Class 3 PD @ 12.9Watts	8	16	24	8	24
	Over Temperature Protection	■	■	■*	■	■
	PoE Schedule	■	■	■	■	■
	Power Limit	■	■	■	■	■
Protocols	PoE Classification	■	■	■	■	■
	PoE Event / Threshold Trap	■	■	■	■	■
	VLAN	802.1Q VLAN, Port-Based VLAN, Private VLAN				
	Spanning Tree	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	802.1D / 802.1s	802.1D / 802.1s
Management	IGMP Snooping	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2	v1, v2
	Interface	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP
	SNMP	v1, v2c, v3, trap	v1, v2c, v3, trap	v1, v2c, v3, trap	v1, v2c, v3, trap	v1, v2c, v3, trap
Physical	SSH/SSL	■ / ■	■ / ■	■ / ■	- / ■	- / ■
	Dimension (W x D x H)	330 x 155 x 43.5mm	440x300x44 mm	440x300x44 mm	330 x 155 x 43.5mm	440x300x44 mm
	Power Requirement	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz
Regulator	Operating Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
	EMI / Safety	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE


* Future Feature



IEEE 802.3af PoE Managed Switch									
		Gigabit				Fast Ethernet			
Model		WGSW-28040P	WGSW-28040P4	SGSW-24040P	SGSW-24040P4	FGSD-1022P	FGSW-2612PVM	FGSW-2620PVM	FGSW-2620VMP4
Product Image									
Hardware	10/100Base-TX	-	-	-	-	8	24	24	24
	10/100/1000Base-T	28	28	24	24	2	2	2	2
	1000Base-SX/LX	4 combo SFP	4 combo SFP	4 combo SFP	4 combo SFP	2 combo SFP	2 combo SFP	2 combo SFP	2 combo SFP
	Switch Fabric	56Gbps	56Gbps	68Gbps	68Gbps	5.6Gbps	8.8Gbps	8.8Gbps	8.8Gbps
PoE SPEC.	Throughput	41.667Mpps	41.667Mpps	50.6Mpps	50.6Mpps	4.16Mpps	6.547Mpps	6.547Mpps	6.547Mpps
	PoE Standard	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af
	PSE Type	End-Span	End-Span	End-Span	End-Span	End-Span	End-Span	End-Span	End-Span
	Power Pin Assignment	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)
PoE Ability	PoE Port	24	24	24	24	8	12	24	24
	PoE Power Output	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts
	PoE Budget	190 Watts	380 Watts	220 watts	380 watts	180 watts	110 watts	190 watts	380 watts
	Number of Class 2 PD @ 6.5Watts	24	24	24	24	8	12	24	24
Intelligent PoE Control	Number of Class 3 PD @ 12.9Watts	14	24	17	24	8	8	14	24
	Over Temperature Protection	-	-	■*	■*	■	■	■	■
	PoE Schedule	■	■	■	■	■	-	-	-
	Power Limit	■	■	■	■	■	■	■	■
Protocols	PoE Classification	■	■	■	■	■	■	■	■
	PoE Event / Threshold Trap	-	-	■	■	■	■	■	■
	VLAN	802.1Q VLAN, Private VLAN			802.1Q VLAN, Port-Based VLAN, Private VLAN				
	Spanning Tree	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	802.1D / 802.1s	802.1D / 802.1w	802.1D / 802.1w	802.1D / 802.1w
Management	IGMP Snooping	v1, v2	v1, v2	v1, v2, v3	v1, v2, v3	v1, v2	v1, v2	v1, v2	v1, v2
	Interface	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP	Console / Telnet / HTTP
	SNMP	v1, v2c, v3, trap	v1, v2c, v3, trap	v1, v2c, v3, trap	v1, v2c, v3, trap	v1, v2c, v3, trap	v1, v2c, trap	v1, v2c, trap	v1, v2c, trap
Physical	SSH/SSL	■ / ■	■ / ■	■ / ■	■ / ■	- / ■	- / ■	- / ■	- / ■
	Dimension (W x D x H)	440 x 300 x 44 mm	440 x 300 x 44 mm	440 x 300 x 44 mm	440 x 300 x 44 mm	330 x 155 x 43.5mm	440x260x44 mm	440x260x44 mm	440 x 300 x44 mm
	Power Requirement	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz
Regulator	Operating Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
	EMI / Safety	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE, UL, cUL	FCC Class A, CE	FCC Class A, CE, UL, cUL	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE, UL, cUL








* Future Feature








IEEE 802.3af PoE Web Smart Switch						Unmanaged IEEE 802.3at High Power PoE Switch			
Model	Gigabit		Fast Ethernet			Gigabit		Fast Ethernet	
	GSD-802PS	FNSW-2400PS	FGSW-1828PS	FNSW-1608PS	FSD-804PS	GSD-808HP	GSD-808HP2	FSD-808HP	
Product Image									
Hardware	10/100Base-TX	-	24	16	16	8	-	-	8
	10/100/1000Base-T	8	-	2	-	-	8	8	-
	Fiber Uplink	2 Combo 1000X SFP	-	2 Combo 1000X SFP	-	-	-	-	-
	Switch Fabric	16Gbps	4.8Gbps	7.2Gbps	3.2Gbps	1.6Gbps	16Gbps	16Gbps	1.6Gbps
	Throughput	11.904Mpps	3.571Mpps	5.35Mpps	2.38Mpps	1.19Mpps	11.904Mpps	11.904Mpps	1.19Mpps
PoE SPEC.	PoE Standard	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af / 802.3at		802.3af / 802.3at
	PSE Type	End-Span	Mid-Span	End-Span	End-Span	End-Span	End-Span	End-Span	Mid-Span
	Power Pin Assignment	1/2(+), 3/6(-)	4/5(-), 7/8(+)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	4/5(-), 7/8(+)
PoE Ability	PoE Port	8	24	8	8	4	8	8	8
	PoE Power Output	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	52V DC, Max. 30.8 watts	52V DC, Max. 30.8 watts	52V DC, Max. 30.8 watts
	PoE Budget	110 watts	125 watts	110 watts	110 watts	60 watts	130 watts	240 watts	140 watts
	Number of Class 2 PD @ 6.5Watts	8	16	8	8	4	8	8	8
	Number of Class 3 PD @ 12.9Watts	8	9	8	8	4	8	8	8
Intelligent PoE Control	Over Temperature Protection	-	-	-	-	-	■	■	-
	PoE Schedule	-	-	-	-	-	-	-	-
	Power Limit	-	-	■	■	■	■	■	-
	PoE Classification	■	-	■	■	■	-	-	-
Protocols	PoE Event / Threshold Trap	-	-	-	-	-	-	-	-
	VLAN	802.1Q VLAN	802.1Q VLAN, Port-Based VLAN		802.1Q VLAN, Port-Based VLAN		-	-	-
	Spanning Tree	802.1D / 802.1w		-	-	-	-	-	-
Management	IGMP Snooping	v1, v2	v1, v2	v1, v2	v1, v2	-	-	-	-
	Interface	HTTP	HTTP	HTTP	HTTP	HTTP	-	-	-
	SNMP	v1, v2c, trap	-	Trap	Trap	Trap	-	-	-
Physical	SSH/SSL	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	Dimension (W x D x H)	330 x 155 x 43.5mm	445 x 207 x 45 mm	440 x 120 x 44 mm	440 x 120 x 44 mm	217 x 135 x 43mm	330 x 155 x 43.5mm	330 x 155 x 43.5mm	280 x 180 x 43 mm
	Power Requirement	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz
Regulator	Operating Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
	EMI / Safety	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE

Unmanaged IEEE 802.3af PoE Switch					Managed Industrial PoE Switch						
Model	Gigabit		Fast Ethernet		Gigabit		Fast Ethernet				
	GSD-804P	FSD-804P	FNSW-1600P	FSD-808P	IGS-10020HPT	ISW-1022MPT	ISW-504PS	ISW-514PS	ISW-514PS15	ISW-514PSF	
Product Image											
Hardware	10/100Base-TX	-	8	16	8	-	8	5	4	4	4
	10/100/1000Base-T	8	-	-	-	8	2	-	-	-	-
	Fiber Uplink	-	-	-	-	2 x 100FX / 1000X SFP	2 combo SFP	-	100FX / MM / SC / 2km	100FX / SM / SC / 15km	100FX / SFP
	Switch Fabric	16Gbps	1.6Gbps	3.2Gbps	1.6Gbps	20Gbps	5.6Gbps	1.0Gbps	1.0Gbps	1.0Gbps	1.0Gbps
	Throughput	11.904Mpps	1.19Mpps	2.38Mpps	1.19Mpps	14.8Mpps	4.16Mpps	0.74Mpps	0.74Mpps	0.74Mpps	0.74Mpps
PoE SPEC.	PoE Standard	802.3af	802.3af	802.3af	802.3af	802.3at / 802.3af	802.3af	802.3af	802.3af	802.3af	802.3af
	PSE Type	End-Span	End-Span	Mid-Span	Mid-Span	End-Span	End-Span	End-Span	End-Span	End-Span	End-Span
	Power Pin Assignment	1/2(+), 3/6(-)	1/2(+), 3/6(-)	4/5(-), 7/8(+)	4/5(-), 7/8(+)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)
PoE Ability	PoE Port	4	4	16	8	8	8	4	4	4	4
	PoE Power Output	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts			52V DC, Max. 30.8 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts
	PoE Budget	60 watts	60 watts	125 watts	130 watts	270 watts max.	130 watts max.	60 watts max.	60 watts max.	60 watts max.	60 watts max.
	Number of Class 2 PD @ 6.5Watts	4	4	16	8	8	8	4	4	4	4
	Number of Class 3 PD @ 12.9Watts	4	4	9	8	8	8	4	4	4	4
Intelligent PoE Control	Over Temperature Protection	-	-	-	-	■	-	-	-	-	-
	PoE Schedule	-	-	-	-	■	-	-	-	-	-
	Power Limit	-	-	-	-	-	■	■	■	■	■
	PoE Classification	-	-	-	-	■	■	■	■	■	■
Protocols	PoE Event / Threshold Trap	-	-	-	-	■	■	■	■	■	■
	VLAN	-	-	-	-	802.1Q VLAN, Port-Based VLAN					
	Spanning Tree	-	-	-	-	802.1D / 802.1w / 802.1s	802.1D / 802.1w	-	-	-	-
Management	IGMP Snooping	-	-	-	-	v1, v2, v3	v1, v2	-	-	-	-
	Interface	-	-	-	-	Console / Telnet / HTTP		HTTP	HTTP	HTTP	HTTP
	SNMP	-	-	-	-	v1, v2c, v3, trap	v1, v2c, v3, trap	Trap	Trap	Trap	Trap
Physical	SSH/SSL	- / -	- / -	- / -	- / -	■ / ■	- / -	- / -	- / -	- / -	- / -
	Dimension (W x D x H)	217 x 135 x 43mm	217 x 135 x 43mm	445 x 207 x 45 mm	280 x 180 x 43 mm	65.7 x 107.2 x 152 mm	72 x 105 x 152mm	56 x 87.8 x 135 mm	56 x 87.8 x 135 mm	56 x 87.8 x 135 mm	56 x 87.8 x 135 mm
	Power Requirement	100~240V AC, 50/60Hz		100~240V AC, 50/60Hz		Dual 48V DC	Dual 48V DC	Dual 24V or 48V DC	Dual 24V or 48V DC	Dual 24V or 48V DC	Dual 24V or 48V DC
Regulator	Operating Temperature	0~50°C	0~50°C	0~50°C	0~50°C	-45~75°C	-40~75°C	-10~60°C	-10~60°C	-10~60°C	-10~60°C
	EMI / Safety	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE, UL, cUL	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE

Unmanaged Industrial PoE Switch									
Model	BSP-300	ISW-504PT	ISW-514PT	ISW-514PT15	ISW-514PTF	IVC-2004PT	ISW-804PT-M12	IGTP-802T / IGTP802TS / IGTP-805AT	
Product Image									
Hardware	10/100Base-TX	-	5	4	4	4	4	8	-
	10/100/1000Base-T	3	-	-	-	-	-	-	1
	Fiber Uplink	-	-	100FX / MM / SC / 2km	100FX / SM / SC / 15km	100FX / SFP	BNC x 1 / 2.4km RJ-11 x 1 / 1.4km	-	1x 1000SX/SC/MM/ 220-550m 1x 1000LX/SC/SM/10km 1x 1000X/SFP/Vary on module
	Switch Fabric	6.0Gbps	1.0Gbps	1.0Gbps	1.0Gbps	1.0Gbps	1.0Gbps	1.6Gbps	2.0Gbps
	Throughput	4.4Mpps	0.74Mpps	0.74Mpps	0.74Mpps	0.74Mpps	0.74Mpps	1.19Mpps	2.976Mpps
PoE SPEC.	PoE Standard	802.3at / 802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	802.3at / 802.3af
	PSE Type	End-Span	End-Span	End-Span	End-Span	End-Span	End-Span	End-Span	End-Span
	Power Pin Assignment	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)
PoE Ability	PoE Port	2	4	4	4	4	4	4	1
	PoE Power Output	52V DC, Max. 30.8 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	48V DC, Max. 15.4 watts	52V DC, Max. 30.8 watts
	PoE Budget	60 watts max.	60 watts max.	60 watts max.	60 watts max.	60 watts max.	60 watts max.	60 watts	30 watts max.
	Number of Class 2 PD @ 6.5Watts	2	4	4	4	4	4	4	1
	Number of Class 3 PD @ 12.9Watts	2	4	4	4	4	4	4	1
Intelligent PoE Control	Over Temperature Protection	-	-	-	-	-	-	-	-
	PoE Schedule	-	-	-	-	-	-	-	-
	Power Limit	-	-	-	-	-	-	-	-
	PoE Classification	-	-	-	-	-	-	-	-
	PoE Event / Threshold Trap	-	-	-	-	-	-	-	-
Protocols	VLAN	-	-	-	-	-	-	-	-
	Spanning Tree	-	-	-	-	-	-	-	-
	IGMP Snooping	-	-	-	-	-	-	-	-
Management	Interface	-	-	-	-	-	-	-	-
	SNMP	-	-	-	-	-	-	-	-
	SSH/SSL	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Physical	Dimension (W x D x H)	65.7 x 107.2 x 152 mm	56 x 87.8 x 135 mm	56 x 87.8 x 135 mm	56 x 87.8 x 135 mm	56 x 87.8 x 135 mm	56 x 87.8 x 135 mm	103 x 53 x 163 mm	32 x 87 x 135 mm
	Power Requirement	Solar / 24V Battery	Dual 24V or 48V DC	Dual 24V or 48V DC	Dual 24V or 48V DC	Dual 24V or 48V DC	Dual 48V DC	Dual 48V DC	Dual 24V or 48V DC
	Operating Temperature	-20~60°C	-40~75°C	-40~75°C	-40~75°C	-40~75°C	-40~75°C	-40~75°C	-40~75°C
	Regulator	EMI / Safety	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE

IEEE 802.3at High Power PoE Injector Hub				IEEE 802.3af PoE Injector Hub							
		Gigabit Ethernet			Gigabit Ethernet		Fast Ethernet				
Model	HPOE-2400G	HPOE-1200G	HPOE-460	POE-2400G	POE-1200G	POE-2400P4	POE-2400	POE-1200P2	POE-1200	POE-400	
Product Image											
Hardware	RJ-45 Data Input Ports	24	12	4	24	12	24	24	12	12	4
	RJ-45 Data + Power Output Ports	24	12	4	24	12	24	24	12	12	4
	Pass-through Data Rate	10/100/1000Mbps			10/100/1000Mbps		10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
PoE SPEC.	PoE Standard	802.3af / 802.3at			802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af
	PSE Type	Mid-Span	Mid-Span	Mid-Span	Mid-Span	Mid-Span	Mid-Span	Mid-Span	Mid-Span	Mid-Span	
	Power Pin Assignment	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)
PoE Ability	PoE Port	24	12	4	24	12	24	24	12	12	4
	PoE Power Output	52V DC, Max. 30.8 watts			48V DC, Max. 15.4 watts		48V DC, Max. 15.4 watts				
	PoE Budget	460 watts	340 watts	120 watts	380 watts	190 watts	380 watts	220 watts	190 watts	110 watts	60 watts
	No. of Class 2 PD@6.5Watts	24	12	4	24	12	24	24	12	12	4
	No. of Class 3 PD@12.9Watts	24	12	4	24	12	24	16	12	8	4
Intelligent PoE Control	Over Temperature Protection	■	■	-	-	-	-	-	-	-	-
	PoE Schedule	■	■	-	■	■	-	-	-	-	-
	Power Limit	■	■	-	■	■	■	■	■	■	-
	PoE Priority	■	■	-	■	■	■	■	■	■	-
	PoE Classification	■	■	-	■	■	■	■	■	■	-
	PoE Event / Threshold Trap	■	■	-	■	■	■	■	■	■	-
Management	Interface	WEB	WEB	-	WEB	WEB	WEB	WEB	WEB	WEB	-
	SNMP	v1, v2c	v1, v2c	-	v1, v2c	v1, v2c	-	-	-	-	-
Physical	Dimension (W x D x H)	440 x 300 x 44 mm		70 x 97 x 26mm	440 x 200 x 44 mm		440 x 200 x 44 mm			70 x 97 x 26mm	
	Rackmountable	■	■	Wall mount	■	■	■	■	■	■	Wall mount
	Power Supply	Internal	Internal	External	Internal	Internal	Internal	Internal	Internal	Internal	External
	Power Requirement	100~240V AC, 50/60Hz		52VDC, 2.5A	100~240V AC, 50/60Hz		100~240V AC, 50/60Hz			48VDC, 1.5A	
	Operating Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Regulator	EMI / Safety	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE

		PoE Injector		PoE Injector				
		Gigabit / PoE +		Gigabit	Fast Ethernet		100SX / LX Fiber	100FX Fiber
Model		IPOE-162	POE-161	POE-152	POE-151	POE-100	GTP-802 / GTP-802S / GTP-805A	FTP-802 / FTP-802S15
Product Image								
Hardware	RJ-45 Data Input Port	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1x1000SX/SC/MM/220-550m 1x1000LX/SC/SM/10km 1x1000X/LC/Vary on Module	1x100FX/SC/MM/2km 1x100FX/SC/SM/15km
	RJ-45 Data + Power Output Port	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45
	Data Rate	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100Mbps	10/100Mbps	10/100/1000Mbps	10/100Mbps
PoE SPEC.	PoE Standard	802.3af / 802.3at	802.3af / 802.3at	802.3af	802.3af	Pre-Standard	802.3af / 802.3at	802.3af
	PSE Type	Mid-Span	Mid-Span	End-Span	Mid-Span	Mid-Span	Mid-Span	End-Span
	Power Pin Assignment	4/5(+), 7/8(-)	4/5(+), 7/8(-)	1/2(+), 3/6(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	4/5(+), 7/8(-)	1/2(+), 3/6(-)
	PoE Port	1	1	1	1	1	1	1
	PoE Power Output	56V DC	56V DC	48V DC	48V DC	15V DC	52V DC	48V DC
	PoE Ability	30 watts	30 watts	15.4 Watts	15.4 Watts	15.4 Watts	15.4Watts / 30Watts	15.4 Watts
Physical	Dimension (W x D x H)	135 x 87 x 32 mm	97 x 70 x 25 mm	73 x 55 x 24 mm	73 x 55 x 24 mm	64.5 x 42.3 x 20.4 mm	97 x 70 x 26 mm	97 x 70 x 26 mm
	Power Supply	External	External	External	External	External	External	External
	Power Requirement	24~48V DC, 24V AC	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz
	Operating Temperature	-40~75°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Regulator	EMI / Safety	FCC Class A, CE	FCC Class A, CE	FCC Class B, CE	FCC Class B, CE	FCC Class B, CE	FCC Class A, CE	FCC Class A, CE

		PoE Splitter		PoE Splitter			PoE Extender	
		Gigabit / PoE +		Gigabit	Fast Ethernet		Gigabit	
Model		IPOE-162S	POE-162S	POE-152S	POE-151S	POE-100S	POE-E201	POE-E101
Product Image								
Hardware	RJ-45 Data+Power Input Port	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45
	RJ-45 Data Output Port	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45
	DC Output Voltage	24V / 12V DC, Max. 2A	24V / 12V DC, Max. 2A	5V / 12V DC, Max. 2A	5V / 12V DC, Max. 2A	5V / 9V / 12V DC, Max. 2A	PoE 52~56V DC, max. 510mA	PoE 48V DC, max. 270mA
	DIP Switch	Adjustable 24V / 12V DC	Adjustable 24V / 12V DC	Adjustable 5V / 12V DC	Adjustable 5V / 12V DC	Adjustable 5V / 9V / 12V DC	-	-
	Data Rate	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100Mbps	10/100Mbps	10/100/1000Mbps	10/100Mbps
PoE SPEC.	PoE Standard	802.3af / 802.3at	802.3af / 802.3at	802.3af	802.3af	Pre-Standard	802.3at	802.3af
	PD Type	Both Mid-Span and End-Span		Both Mid-Span and End-Span		Mid-Span	Mid-Span	Mid-Span
	PoE Power Input	52~56V DC	52~56V DC	48V DC	48V DC	15V DC	52~56V DC	48V DC
Physical	Dimension (W x D x H)	135 x 87 x 32 mm	97 x 70 x 25 mm	73 x 55 x 24 mm	73 x 55 x 24 mm	64.5 x 42.3 x 20.4 mm	97 x 70 x 26 mm	97 x 70 x 26 mm
	Operating Temperature	-40~75°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Regulator	EMI / Safety	FCC Class A, CE	FCC Class A, CE	FCC Class B, CE	FCC Class B, CE	FCC Class B, CE	FCC Class A, CE	FCC Class A, CE

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