

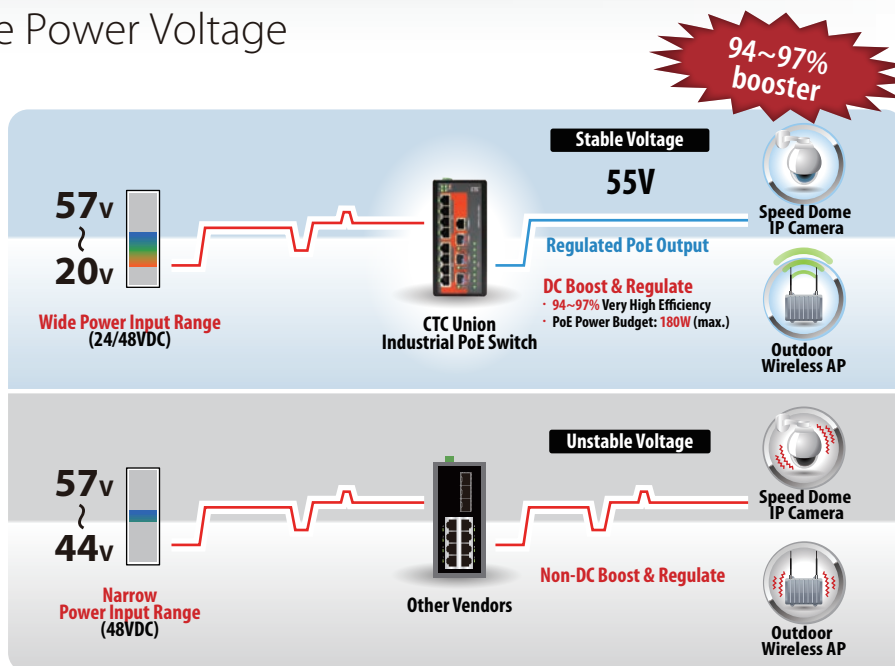


## Key Technologies :

- Supports IEEE 802.3af/802.3at standards
- Boost and regulate PoE voltage technology
- Advance PoE management : Auto test , and Auto reset when PD fail & PD On/Off scheduling

## Boost DC Power & Regulate Power Voltage

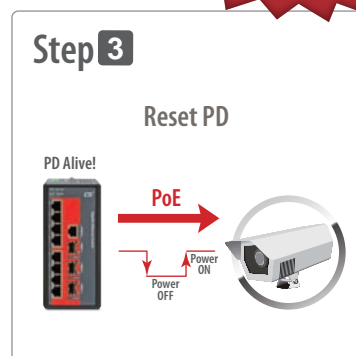
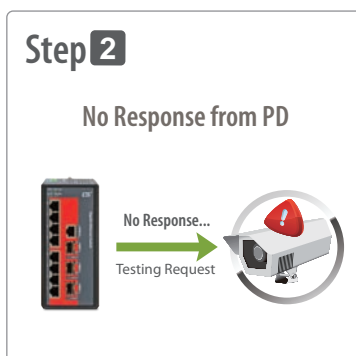
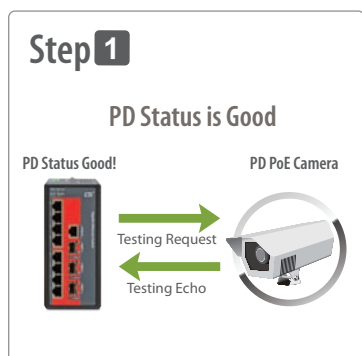
- Wide range input power 24/48VDC (20~57VDC)
- Built-in very high efficiency (94~97%) to boost PoE output voltage
- Stabilized and regulated PoE output voltage at 55VDC



## Remote PD Auto Test & Reset

- PoE PD failure auto checking, and auto reset when PD fail
- Reduce operational expenses.

The feature is processed as following:



PD Auto Test & Reset Process



## Weekly PoE ON/OFF Scheduling

- Offer weekly PoE ON/OFF scheduling function to provide PoE to PDs
- Reduce operational expenses.

Port 1	SUN	MON	TUE	WED	THU	FRI	SAT
08:00	ON	OFF	OFF	ON	ON	ON	OFF
08:30	ON	OFF	OFF	ON	ON	ON	OFF
09:00	ON	OFF	OFF	ON	ON	ON	OFF
09:30	ON	OFF	OFF	ON	ON	ON	OFF
10:00	ON	OFF	OFF	ON	ON	ON	OFF
10:30	ON	OFF	OFF	ON	ON	ON	OFF
11:00	OFF	ON	ON	ON	OFF	OFF	OFF
11:30	OFF	ON	ON	ON	OFF	OFF	OFF
12:00	OFF	ON	ON	ON	OFF	OFF	OFF
12:30	OFF	ON	ON	ON	OFF	OFF	OFF
13:00	OFF	ON	ON	ON	OFF	OFF	OFF
13:30	OFF	ON	ON	ON	OFF	OFF	OFF
14:00	OFF	ON	ON	ON	OFF	OFF	OFF



# Industrial PoE Series

## PoE Switch



- **Redundant** and wide range input power, 24/48VDC (20~57VDC)
- Very high efficiency boost (**94%~97%**) technology
- **Regulated** voltage at 55VDC for PoE output

(Below Features only for managed models)

- Advance **PoE management**, PoE PD Auto check/reset
- **SmartView™** & **SmartConfig™** management
- u-Ring (up to **5 Rings**), ITU-T G.8032 ERPS, MSTP, RSTP, STP for Redundancy Cabling
- SNMP, Web, Telnet, CLI, IPV6, DHCP, RMON, MIB II, ACL, QoS, CoS, Security, IGMP, VLAN, LACP, **IEEE1588 PTP V2**

Model Name	Managed	Total Port	UTP		Fiber		PoE Port IEEE 802.3at	Certification			
			10/100 Base-TX	10/100/1000 Base-T	1000Base-X	100/1000Base-X		Railway EN50121-4	UL60950-1	EN61000-6-2 EN61000-6-4	CE FCC
IFS-802GS-8PH		10	8		2 SFP		8	✓		✓	✓
IGS-600-4PH24		6		6			4	✓	✓	✓	✓
IGS-401F-4PH24		5		4	1 SC		4	✓	✓	✓	✓
IGS-402F-4PH24		6		4	2 SC		4	✓	✓	✓	✓
IGS-402S-4PH24		6		4		2 SFP	4	✓	✓	✓	✓
IFS-402GSM-4PH24	✓	6	4			2 SFP	4	✓	✓	✓	✓
IFS-803GSM-8PH24	✓	11	8			3 SFP	8	✓	✓	✓	✓
IGS-803SM-8PH24	✓	11		8		2 SFP	8	✓	✓	✓	✓
IGS-402SM-4PH24	✓	6		4		3 SFP	4	✓	✓	✓	✓

## Media Converter with PoE



- Conversion between Ethernet UTP and fiber interface
- Supports LFPT (Link Loss Pass Through )
- **Redundant** and wide range input power, 12/24/48VDC (9.6~57VDC)
- **Regulated** voltage at 55VDC for PoE output
- Very high efficiency boost (**94%~97%**) technology

(Below Features only for managed models)

- Bandwidth control, VLAN, Remote **loop back test**
- PoE configuration and monitor
- **SmartView™** for centralized managed
- Web, SNMP, In-band for management

Model Name	Managed	UTP		100 Base-FX	Fiber		PoE Port IEEE 802.3at	EN50121-4	Certification	
		10/100 Base-TX	10/100/1000 Base-T		Dual Speed 100/1000Base-X	EN61000-6-2 EN61000-6-4			CE FCC	
IMC-1000-PH12			1		1 SC		1	✓	✓	✓
IMC-1000S-PH12			1		1 SFP		1	✓	✓	✓
IMC-100-PH12		1			1 SC/ST		1	✓	✓	✓
IMC-1000M-PH12	✓		1		1 SC		1	✓	✓	✓
IMC-1000MS-PH12	✓		1		1 SFP		1	✓	✓	✓
IMC-100M-PH12	✓	1			1 SC/ST		1	✓	✓	✓



ITS



Toll Collection



Surveillance



Tunnel Security

# EN 50155 PoE Switch



- **Redundant** and wide range input power, 24/48VDC(20~57VDC)
- Very high efficiency boost (**94%~97%**) technology
- **Regulated** voltage at 55VDC for PoE output

(Below Features only for managed models)

- Advance **PoE management**, PoE PD Auto check/reset
- **SmartView™** & **SmartConfig™** management
- u-Ring (up to **5 Rings**) , ITU-T G.8032 ERPS, Ring, MSTP, RSTP, STP for Redundancy Cabling
- SNMP, Web, Telnet, CLI, IPV6, DHCP, RMON, MIB II, ACL, QoS, CoS, Security, IGMP, VLAN, LACP, **IEEE1588 PTP V2**

Model Name	Managed	IP67	Total Port	UTP M12		Fiber	PoE Port IEEE802.3at	Certification				Vibration IEC61377	
				10/100 Base-TX	10/100/1000 Base-T	100/1000 Base-X		EN50155	EN50121-4	UL60950-1	EN61000-6-2 EN61000-6-4		CE FCC
ITP-800-8PH24		✓	8	8			8	✓	✓		✓	✓	✓
ITP-802GTM-8PH24	✓	✓	10	8	2		8	✓	✓	✓	✓	✓	✓
ITP-802GSM-8PH24	✓	✓	10	8		2 SFP	8	✓	✓	✓	✓	✓	✓
ITP-800M-8PH24	✓	✓	8	8			8	✓	✓	✓	✓	✓	✓
ITP-G802SM-8PH24	✓	✓	10		8	2 SFP	8	✓	✓	✓	✓	✓	✓
ITP-G800M-8PH24	✓	✓	8		8		8	✓	✓	✓	✓	✓	✓



On-board Train



Public Transportation



Water Utility



Dusty Environment

# Industrial PoE Injector



- IEEE 802.3at/af PoE Injector
- Power output 15.4W, 30W, 36W, 60W, 72W select by DIP SW
- Redundant dual input power, 24/48VDC (20~57VDC)
- Very high efficiency boost (94%~97%) technology (INJ-IG60-24)
- Regulated voltage at 55VDC for PoE output (INJ-IG60-24)
- PoE Mode A/B Select by DIP SW
- 4 Pairs (60W/72W) PD handshake mode select by DIP SW (Such as AXIS® IP cam)

Model Name	LAN UTP Port	PoE UTP Port		Input Voltage	Certification		
	10/100/1000 Base-T	10/100/1000 Base-T	PoE 15.4W/30W/36W/60W/72W		EN61000-6-2 EN61000-6-4	EN50121-4	CE, FCC
INJ-IG60-24	✓	✓	✓	24/48VDC	✓	✓	✓
INJ-IG01-PH	✓	✓	✓	48VDC	✓	✓	✓



CTC UNION TECHNOLOGIES CO., LTD.

8F, No.60, Zhouzi St. Neihu, Taipei 114, Taiwan TEL : +886 2 2659-1021 FAX : +886 2 2659-0237 sales@ctcu.com

www.ctcu.com

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