

# TRENDNET<sup>®</sup>

— PRODUCT CATALOG —

🇪🇺 EU Edition

MULTI-GIGABIT

SWITCHES

PoE

INDUSTRIAL

FIBER

WIRELESS

SURVEILLANCE

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TRENDnet's vision is to build innovative, easy-to-use, and reliable Networks People Trust™. TRENDnet solutions network countless devices to enable your connected lifestyle and workplace. Building award-winning networking solutions since 1990, TRENDnet connects you with what you value most. Founded in Torrance, California, TRENDnet has grown to become a leading global networking hardware brand.



# Multi-Gigabit Managed Switches

See more Multi-Gigabit Switches in the Industrial Switches section.



	L2 SFP/SFP+ Switches			10G Web Smart	2.5G Web Smart		Gigabit Web Smart with 10G SFP+	
	TL2-F7120	TL2-F7080	TL2-F70284	TEG-7124WS	TEG-3284WS	TEG-3182WS	TEG-3524S	TEG-30284
Ports	12 x 10G SFP+, 1 x RJ45 Console	8 x 10G SFP+, 1x RJ45 Console	24 x Gigabit SFP, 4 x 10G SFP+	8 x 10G, 4 x 10G SFP+	24 x 2.5G, 4 x 10G SFP+	16 x 2.5G, 2 x 10G SFP+	48 x Gigabit, 4 x 10G SFP+	24 x Gigabit, 4 x 10G SFP+
Switching capacity	240Gbps	160Gbps	128Gbps	240Gbps	200Gbps	120Gbps	176Gbps	128Gbps
Jumbo frames	10KB	10KB	12KB	10KB	12KB	12KB	10KB	10KB
RAM buffer	2MB	1.5MB	2MB	2MB	2MB	1.5MB	2MB	1.5MB
Forwarding rate (64-byte packet size)	178.6Mpps	119.04Mpps	95.2Mpps	178.56Mpps	130.95Mpps	89.28Mpps	130.95Mpps	95.2Mpps
MAC address table	32K	16K	32K	32K	32K	16K	32K	16K
VLAN	Asymmetric, port-based, multiple management assignment, up to 256 VLAN groups, 802.1Q, dynamic GVRP, private, voice			Asymmetric, port-based, 802.1Q, private, voice, GVRP	Multiple management assignment, asymmetric, 802.1Q, dynamic GVRP, MAC-based, protocol-based, up to 256 VLAN groups, private, voice		Asymmetric, port-based, 802.1Q, private, voice, GVRP	
ACL	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6
IPv6	✓	✓	✓	✓	✓	✓	✓	✓
Static IP routing	✓	✓	✓	✓	-	-	✓	-
DoS prevention	✓	✓	✓	✓	✓	✓	✓	✓
802.1ab LLDP	✓	✓	✓	✓	✓	✓	✓	✓
802.1X	✓	✓	✓	✓	✓	✓	✓	✓
LACP (802.3ad)	✓	✓	✓	✓	✓	✓	✓	✓
CoS (802.1p)	✓	✓	✓	✓	✓	✓	✓	✓
Spanning tree	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP
Multicast (IGMP)	v1, v2, v3	v1, v2, v3 awareness	v1, v2, v3	v1, v2, v3	v1, v2	v1, v2	v1, v2, v3	v1, v2, v3
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
Fan	Smart fan	Smart fan	Smart fans	Smart fan	Smart fan	Fanless	Smart fan	Fanless
Power supply	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
Mounting	Rack	Rack	Rack	Rack	Rack	Rack	Rack	Rack
Cloud	-	-	-	-	Hive compatible*	Hive compatible*	-	Hive compatible*
TAA compliant	✓	✓	✓	✓	✓	✓	✓	✓
NDA compliant	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year

\*Additional fee applies.

Not available in UK.

Compatible with Hive.

# Multi-Gigabit Managed PoE Switches

See more Multi-Gigabit PoE solutions in the PoE Solutions section.



	10G L2 PoE++	2.5G Web Smart PoE++	Gigabit Web Smart PoE+ with 10G SFP+		
	TPE-7124SBF	TPE-3102WS	TPE-3524SF	TPE-3524S	TPE-30284
Ports	8 x 10G PoE++, 4 x 10G SFP+	8 x 2.5G PoE+, 2 x 10G SFP+	48 x Gigabit PoE+, 4 x 10G SFP+	48 x Gigabit PoE+, 4 x 10G SFP+	24 x Gigabit PoE+, 4 x 10G SFP+
PoE power budget	720W	240W	740W	410W	370W
Max. power per port	95W	30W	30W	30W	30W
Switching capacity	240Gbps	80Gbps	176Gbps	176Gbps	128Gbps
Jumbo frames	10KB	10KB	10KB	10KB	10KB
RAM buffer	2MB	1.5MB	2MB	2MB	1.5MB
Forwarding rate (64-byte packet size)	178.56Mpps	178.56Mpps	130.95Mpps	130.95Mpps	95.2Mpps
MAC address table	32K	16K	32K	32K	16K
VLAN	802.1Q, dynamic GVRP, up to 256 VLAN groups, voice	Asymmetric, port-based, 802.1Q,private, voice, GVRP	Asymmetric, port-based, 802.1Q,private, voice, GVRP		
ACL	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6
IPv6	✓	✓	✓	✓	✓
Static IP routing	✓	✓	✓	✓	-
DoS prevention	✓	✓	✓	✓	✓
802.1ab LLDP	✓	✓	✓	✓	✓
802.1X	✓	✓	✓	✓	✓
LACP (802.3ad)	✓	✓	✓	✓	✓
CoS (802.1p)	✓	✓	✓	✓	✓
Spanning tree	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP
Multicast (IGMP)	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
Fan	Smart fan	Smart fans	Smart fans	Smart fans	Smart fans
Power supply	Internal	Internal	Internal	Internal	Internal
Mounting	Rack	Rack	Rack	Rack	Rack
Cloud	-	-	-	-	Hive compatible*
TAA compliant	✓	✓	✓	✓	✓
NDAA compliant	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year

# Multi-Gigabit Unmanaged Switches



	10G Unmanaged		2.5G Unmanaged with 10G	
	TEG-S7102	TEG-S750	TEG-S591	TEG-S762
Ports	8 x 10G, 2 x 10G SFP+	5 x 10G	8 x 2.5G, 1 x 10G	4 x 2.5G, 2 x 10G
Switching capacity	200Gbps	100Gbps	60Gbps	60Gbps
Jumbo frames	12KB	12KB	12KB	12KB
RAM buffer	2MB	2MB	1MB	1MB
Forwarding rate (64-byte packet size)	144.8Mpps	74.4Mpps	44.64Mpps	44.64Mpps
MAC address table	32K	16K	4K	4K
Fan	Smart fan	Fanless	Fanless	Fanless
Power supply	Internal	External	External	External
Mounting	Rack	Wall	Wall	Wall
TAA/NDAA compliant	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year

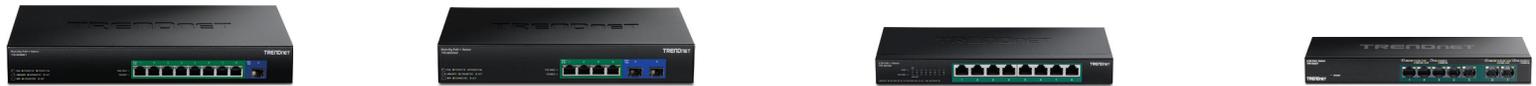


	2.5G Unmanaged with 10G SFP+				
	TEG-S50284	TEG-S50204	TEG-S5091	TEG-S5061	TEG-S562
Ports	24 x 2.5G, 4 x 10G SFP+	16 x 2.5G, 4 x 10G SFP+	8 x 2.5G, 2 x 10G SFP+	5 x 2.5G, 1 x 10G SFP+	4 x 2.5G, 2 x 10G SFP+
Switching capacity	200Gbps	160Gbps	80Gbps	45Gbps	60Gbps
Jumbo frames	12KB	12KB	10KB	12KB	12KB
RAM buffer	2MB	2MB	1MB	1MB	1MB
Forwarding rate (64-byte packet size)	59.52Mpps	119.04Mpps	44.64Mpps	33.8Mpps	44.64Mpps
MAC address table	32K	32K	16K	4K	4K
Fan	Fanless	Fanless	Fanless	Fanless	Fanless
Power supply	Internal	Internal	External	External	External
Mounting	Rack	Rack	Wall	Wall	Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year

# Multi-Gigabit Unmanaged Switches & PoE Switches



	2.5G Unmanaged					
	TEG-S3160	TEG-S381	TEG-S380	TEG-S351	TEG-S350	TEG-S327
Ports	16 x 2.5G	8 x 2.5G	8 x 2.5G	8 x 2.5G	5 x 2.5G	2 x 2.5G, 5 x Gigabit
Switching capacity	80Gbps	40Gbps	40Gbps	25Gbps	25Gbps	20Gbps
Jumbo frames	10KB	10KB	12KB	10KB	12KB	15KB
RAM buffer	1MB	1MB	1.5MB	1MB	1.5MB	384KB
Forwarding rate (64-byte packet size)	59.52Mpps	29.76Mpps	29.76Mpps	18.6Mpps	18.6Mpps	14.88Mpps
MAC address table	16K	16K	4K	16K	4K	2K
Fan	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Power supply	External	External	External	External	External	External
Mounting	Rack, Wall	Wall	Wall	Wall	Wall	Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year



	2.5G PoE++ with 10G SFP+		2.5G PoE++	2.5G Unmanaged PoE+
	TPE-BG5091	TPE-BG5062	TPE-BG380	TPE-TG327
Ports	8 x 2.5G PoE++, 1 x 10G SFP+	4 x 2.5G PoE++, 2 x 10G SFP+	8 x 2.5G PoE++	2 x 2.5G PoE+, 5 x Gigabit PoE+
PoE power budget	480W	240W	230W / 440W	70W
Max. power per port	95W	95W	95W	30W
Switching capacity	60Gbps	60Gbps	40Gbps	20Gbps
Jumbo frames	12KB	12KB	12KB	15KB
RAM buffer	1MB	1MB	1MB	384KB
Forwarding rate (64-byte packet size)	44.64Mpps	44.64Mpps	29.76Mpps	14.88Mpps
MAC address table	4K	4K	4K	2K
Fan	Fanless	Fanless	Fanless	Fanless
Power supply	Internal	Internal	External	External
Mounting	Rack	Rack	Wall	Wall
TAA/NDAA compliant	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year

# Multi-Gigabit Network Adapters & SFP+ Modules

See more Multi-Gigabit Fiber solutions in the Fiber section.



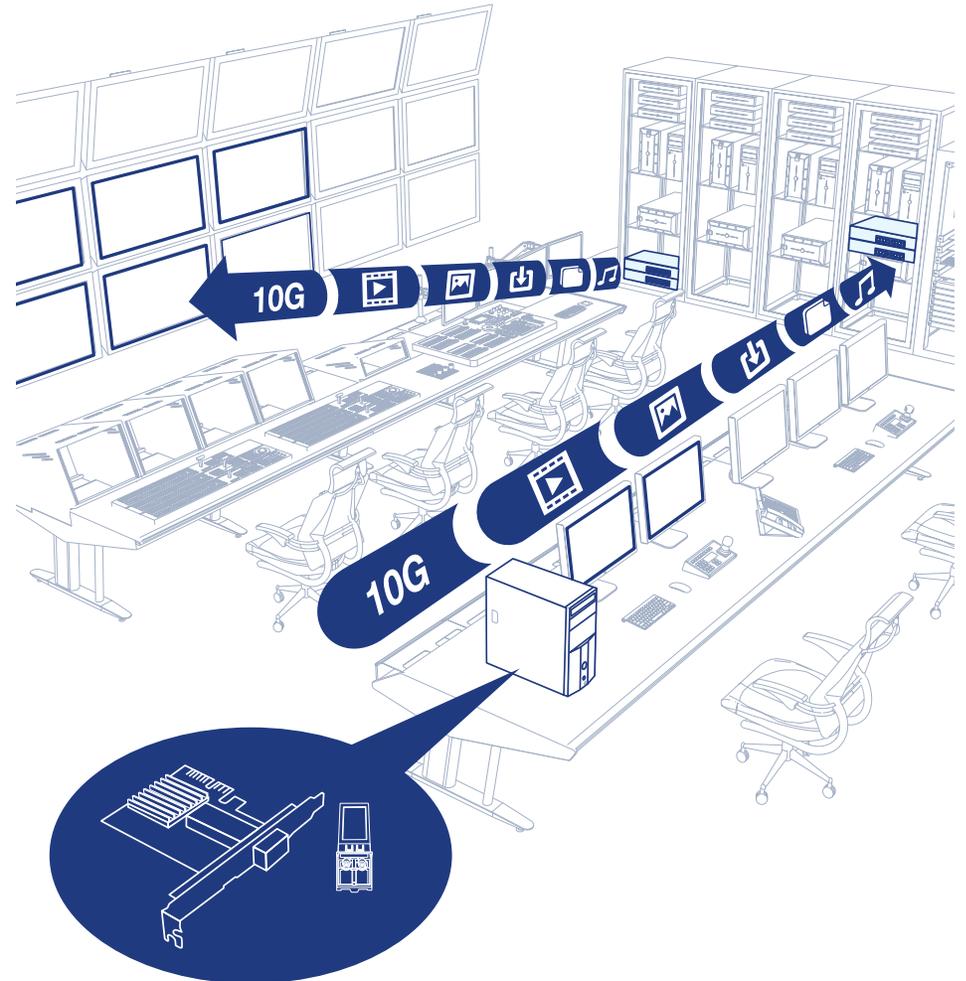
## Multi-Gigabit Network Adapters

	TEG-10GECTX	TEG-10GECSFP	TEG-25GECTX
Ports	1 x 10G BASE-T	1 x 10G SFP+	1 x 2.5GBASE-T
Speed	10Gbps, 2.5Gbps, 1Gbps	10Gbps	2.5Gbps, 1Gbps, 100Mbps
Features	Includes standard and low-profile brackets		
Form connector	PCIe 3.0 x 4	PCIe 2.0 x 4	PCIe 2.0 x 1
802.1Q VLAN	✓	✓	✓
Jumbo frames	16KB	16KB	9KB
OS compatibility	Windows®, Windows Server®		
TAA compliant	✓	✓	✓
NDA compliant	✓	✓	✓
Warranty	3-year	3-year	3-year



## 10G SFP+ Modules

	TEG-10GBS40	TEG-10GBS20	TEG-10GBS10	TEG-10GBSR	TEG-10GBRJ100	TEG-10GBRJ
Distance	40km (24.9 mi.)	20km (12.4 mi.)	10km (6.2 mi.)	550m (1804 ft.)	100m (328 ft.)	30m (98 ft.)
Interface	Duplex LC	Duplex LC	Duplex LC	Duplex LC	RJ45	RJ45
Speed	10G	10G	10G	10G	10G	10G
Mode	Single	Single	Single	Multi	Copper	Copper
Digital Diagnostics Monitoring (DDM)	✓	✓	✓	✓	✓	✓
Wavelength	1550nm	1310nm	1310nm	850nm	-	-
TAA/NDA compliant	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year



TEG-10GECSFP + TEG-10GBSR

## TRENDNET® Hive

### Network Cloud Manager

- Centralized management
- Hassle-free remote monitoring
- Intuitive alerts and notifications
- Reduce management time and costs
- Easily scalable for future expansions & upgrades
- Free mobile app support

\*\*\*\*\*  
**1-YEAR**  
**FREE TRIAL\***  
TRENDnet.com/Hive  
\*Terms subject to change.  
\*\*\*\*\*



Learn more and sign up at [trendnet.com/hive](https://trendnet.com/hive)



	Gigabit Metal						
	TEG-S24g	TEG-S24Dg	TEG-S25	TEG-S25D	TEG-S16g	TEG-S17	TEG-S17D
Ports	24 x Gigabit	24 x Gigabit	24 x Gigabit	24 x Gigabit	16 x Gigabit	16 x Gigabit	16 x Gigabit
Switching capacity	48Gbps	48Gbps	48Gbps	48Gbps	32Gbps	32Gbps	32Gbps
Jumbo frames	10KB	10KB	9KB	9KB	10KB	9KB	9KB
RAM buffer	512KB	512KB	512KB	512KB	512KB	512KB	512KB
MAC address table	8K	8K	8K	8K	8K	8K	8K
Fan	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Power supply	Internal	Internal	Internal	Internal	Internal	Internal	Internal
Mounting	Rack	ETH-11MK*	Rack	Rack	Rack	Rack	Rack
GREENnet	✓	✓	-	-	✓	-	-
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year



	Gigabit Metal					Gigabit Splitter
	TEG-S82g	TEG-S51SFP	TEG-S50g	TEG-S51	TFC-G22SFP	TEG-102S
Ports	8 x Gigabit	5 x Gigabit, 1 x SFP	5 x Gigabit	5 x Gigabit	2 x Gigabit, 2 x SFP	1 x Gigabit data-in, 2 x Gigabit data-out, 1 x USB Type C power-in
Switching capacity	16Gbps	12Gbps	10Gbps	10Gbps	8Gbps	4Gbps
Jumbo frames	9KB	9KB	9KB	9KB	9KB	9KB
RAM buffer	192KB	192KB	128KB	128KB	4MB	128KB
MAC address table	4K	2K	2K	2K	8K	2K
Fan	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Power supply	External	External	External	External	External	USB Type C
Mounting	Wall	Wall	Wall	-	Wall	-
GREENnet	✓	-	✓	-	-	-
TAA compliant	✓	✓	✓	✓	✓	✓
NDAA compliant	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	2-year

\*Sold separately.

# Managed PoE Switches



	Web Smart PoE++	Gigabit Web Smart PoE+			
	TPE-1020SB	TPE-5048WS	TPE-5240WS	TPE-5028WS	TPE-1284S
Ports	8 x Gigabit PoE++, 2 x Gigabit SFP	48 x Gigabit PoE+, 4 x Shared Gigabit (RJ45/SFP)	48 x Gigabit PoE+, 4 x Shared Gigabit (RJ45/SFP)	24 x Gigabit PoE+, 4 x Shared Gigabit (RJ45/SFP)	24 x Gigabit PoE+, 4 x Shared Gigabit (RJ45/SFP)
PoE budget	180W	740W	370W	370W	200W
Max. power per port	95W	30W	30W	30W	30W
Switching capacity	20Gbps	104Gbps	104Gbps	56Gbps	56Gbps
Jumbo frames	9KB	10KB	10KB	10KB	10KB
RAM buffer	512KB	1.5MB	1.5MB	512KB	4.1MB
Forwarding rate	14.88Mpps	77.4Mpps	77.4Mpps	41.7Mpps	41.66Mpps
MAC address table	8K	16K	16K	8K	8K
VLAN	802.1Q, dynamic GVRP, up to 256 VLAN groups, private, voice	Asymmetric, port-based, 802.1Q, private, voice, GVRP, multicast			Multiple management assignment, asymmetric, 802.1Q, dynamic GVRP, MAC-based, protocol-based, up to 256 VLAN groups, private, voice
ACL	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6
IPv6	✓	✓	✓	✓	✓
Static IP routing	✓	✓	✓	✓	✓
DoS prevention	✓	✓	✓	✓	✓
802.1ab LLDP	✓	✓	✓	✓	✓
802.1X	✓	✓	✓	✓	✓
LACP (802.3ad)	✓	✓	✓	✓	✓
CoS (802.1p)	✓	✓	✓	✓	✓
Spanning tree	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP
Multicast (IGMP)	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
Fan	Smart fan	Smart fans	Smart fans	Smart fans	Smart fan
Power supply	Internal	Internal	Internal	Internal	Internal
Mounting	Rack	Rack	Rack	Rack	Rack
Cloud management	-	Hive compatible*	Hive compatible*	Hive compatible*	-
TAA/NDAA compliant	-	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year



Gigabit Web Smart PoE+				
	TPE-2840WS	TPE-1620WSF	TPE-1620WS	TPE-1021WS
Ports	24 x Gigabit PoE+, 4 x Shared Gigabit (RJ45/SFP)	16 x Gigabit PoE+, 4 x Shared Gigabit (RJ45/SFP)	16 x Gigabit PoE+, 4 x Shared Gigabit (RJ45/SFP)	8 x Gigabit PoE+, 2 x SFP
PoE budget	185W	370W	185W	130W
Max. power per port	30W	30W	30W	30W
Switching capacity	56Gbps	40Gbps	40Gbps	20Gbps
Jumbo frames	10KB	10KB	10KB	10KB
RAM buffer	512KB	512KB	512KB	512KB
Forwarding rate	41.7Mpps	29.8Mpps	29.8Mpps	14.9Mpps
MAC address table	8K	8K	8K	8K
VLAN	Asymmetric, port-based, 802.1Q, private, voice, GVRP, multicast			
ACL	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6
IPv6	✓	✓	✓	✓
Static IP routing	✓	✓	✓	✓
DoS prevention	✓	✓	✓	✓
802.1ab LLDP	✓	✓	✓	✓
802.1X	✓	✓	✓	✓
LACP (802.3ad)	✓	✓	✓	✓
CoS (802.1p)	✓	✓	✓	✓
Spanning tree	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP
Multicast (IGMP)	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
Fan	Smart fans	Smart fans	Smart fans	Fanless
Power supply	Internal	Internal	Internal	Internal
Mounting	Rack	Rack	Rack	Rack
Cloud management	Hive compatible*	Hive compatible*	Hive compatible*	Hive compatible*
TAA/NDAA compliant	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year

\*Additional fee applies.

Not available in UK.

Compatible with Hive.

# Smart Surveillance Switches



**ONVIF® Conformant**  
Profile Q



**PoE Self-Healing**  
PoE device  
auto-recovery &  
power scheduling



**Manage Cameras**  
from switch interface



**Real-Time Data**  
for monitoring &  
troubleshooting



**Extend PoE Signal**  
up to 656 ft./200m  
at 10Mbps



**Front Panel LED**  
displays PoE power  
statistics



## Gigabit Web Smart PoE+

	TPE-3018LS	TPE-3012LS
Ports	16 x Gigabit PoE+, 2 x Shared Gigabit (RJ45/SFP)	8 x Gigabit PoE+, 2 x Gigabit, 2 x SFP
PoE budget	220W	110W
Max. power per port	30W	30W
Switching capacity	36Gbps	24Gbps
Jumbo frames	10KB	10KB
RAM buffer	512KB	512KB
Forwarding rate	26.7Mpps	17.8Mpps
MAC address table	8K	8K
VLAN	Asymmetric, port-based, 802.1Q, private, voice, GVRP	
ACL	IPv4 L2-L4 & IPv6	IPv4 L2-L4 & IPv6
IPv6	✓	✓
Static IP routing	✓	✓
DoS prevention	✓	✓
802.1ab LLDP	✓	✓
802.1X	✓	✓
LACP (802.3ad)	✓	✓
CoS (802.1p)	✓	✓
Spanning tree	STP, RSTP, MSTP	STP, RSTP, MSTP
Multicast (IGMP)	v1, v2, v3	v1, v2, v3
SNMP	v1, v2c, v3	v1, v2c, v3
Fan	Smart fan	Fanless
Power supply	Internal	Internal
Mounting	Rack	Rack
TAA/NDAA compliant	✓	✓
Warranty	3-year	3-year

Not available in UK.

# Managed PoE Switches & Unmanaged PoE Switches

	 								
	Gigabit EdgeSmart PoE+		EdgeSmart PoE Powered	Long Range PoE+		Gigabit PoE++	PoE Powered		
	TPE-TG262ES	TPE-TG182ES	TPE-P521ES	TPE-LG80	TPE-TG51g	TPE-LG50	TPE-BG182g	TPE-BG102g	TPE-B541
Ports	24 x Gigabit PoE+, 2 x Gigabit SFP	16 x Gigabit PoE+, 2 x Gigabit SFP	1 x Gigabit PoE+ in, 2 x Gigabit PoE out, 2 x Gigabit	8 x Gigabit PoE+	4 x Gigabit PoE+, 1 x Gigabit	4 x Gigabit PoE+, 1 x Gigabit	16 x Gigabit PoE++, 2 x SFP	4 x Gigabit PoE++, 4 x Gigabit PoE+, 2 x SFP	1 x Gigabit PoE++, 4 x Gigabit PoE+
PoE budget	380W	240W	18W (PoE+ in), 8W (PoE in)	65W	60W	32W	410W	240W	60W
Max. power per port	30W	30W	18W	30W	30W	30W	95W	95W	30W
Switching capacity	52Gbps	36Gbps	10Gbps	16Gbps	10Gbps	10Gbps	36Gbps	20Gbps	10Gbps
Jumbo frames	10KB	10KB	9KB	9KB	9KB	9KB	9KB	9KB	10KB
RAM buffer	512KB	512KB	512KB	192KB	128KB	128KB	512KB	512KB	512KB
Forwarding rate	38.7Mpps	26.8Mpps	7.4Mpps	-	-	-	-	-	-
MAC address table	8K	8K	2K	4K	2K	2K	8K	8K	8K
VLAN	Asymmetric, port-based, 802.1Q, private, voice			-	-	-	-	-	-
ACL	-	-	-	-	-	-	-	-	-
IPv6	-	-	-	-	-	-	-	-	-
Static IP routing	-	-	-	-	-	-	-	-	-
DoS prevention	-	-	-	-	-	-	-	-	-
802.1ab LLDP	-	-	-	-	-	-	-	-	-
802.1X	-	-	-	-	-	-	-	-	-
LACP (802.3ad)	-	-	-	-	-	-	-	-	-
CoS (802.1p)	✓	✓	✓	-	-	-	-	-	-
Spanning tree	STP, RSTP	STP, RSTP	STP, RSTP	-	-	-	-	-	-
Multicast (IGMP)	64 v1, v2, v3 W	v1, v2, v3	v1, v2, v3	-	-	-	-	-	-
SNMP	v1, v2c	v1, v2c	v1, v2c	-	-	-	-	-	-
Fans	Smart fans	Smart fan	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Power supply	Internal	Internal	-	External	External	External	Internal	Internal	Internal
Mounting	Rack	Rack	Wall	Wall	Wall	Wall	Wall	Wall	Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year

# Unmanaged PoE Switches



## Gigabit PoE+

	TPE-TG262	TPE-TG240g	TPE-TG182	TPE-TG160g	TPE-TG161H	TPE-TG80g
Ports	24 x Gigabit PoE+, 2 x Gigabit SFP	24 x Gigabit PoE+	16 x Gigabit PoE+, 2 x Gigabit SFP	16 x Gigabit PoE+	16 x Gigabit PoE+	8 x Gigabit PoE+
PoE budget	380W	370W	240W	246W	120W	123W
Max. power per port	30W	30W	30W	30W	30W	30W
Switching capacity	52Gbps	48Gbps	36Gbps	32Gbps	32Gbps	16Gbps
Jumbo frames	10KB	9KB	9KB	9KB	10KB	9KB
RAM buffer	512KB	512KB	512KB	512KB	512KB	128KB
MAC address table	8K	8K	8K	8K	8K	4K
Fans	2	Smart fans	1	Smart fans	Fanless	Fanless
Power supply	Internal	Internal	Internal	Internal	External	External
Mounting	Rack	Rack	Rack	Rack	Rack	-
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year



## Gigabit PoE+

## 10/100 PoE+

	TPE-TG84	TPE-TG83	TPE-TG611	TPE-TG52	TPE-TG50g	TPE-S50
Ports	8 x Gigabit PoE+	8 x Gigabit PoE+	4 x Gigabit PoE+, 1 x Gigabit, 1 x SFP	4 x Gigabit PoE+, 1 x Gigabit	4 x Gigabit PoE+, 1 x Gigabit	4 x 10/100Mbps PoE+, 2 x 10/100Mbps
PoE budget	120W	65W	65W	32W	31W	60W
Max. power per port	30W	30W	30W	30W	30W	30W
Switching capacity	16Gbps	16Gbps	12Gbps	10Gbps	10Gbps	1.2Gbps
Jumbo frames	9KB	9KB	9KB	9KB	16KB	15KB
RAM buffer	192KB	192KB	128KB	128KB	128KB	96KB
MAC address table	4K	4K	2K	2K	8K	2K
Fans	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Power supply	External	External	External	External	External	Internal
Mounting	Wall	Wall	Wall	Wall	Wall	Wall
TAA compliant	✓	✓	✓	✓	✓	-
NDAA compliant	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year



PoE++ Injectors						PoE+ Injectors		
TPE-319GI	TPE-318GI	TPE-219GI	TPE-119GI	TPE-117GI	TPE-116GI	TPE-315GI	TPE-115GI	TPE-114GI
10G PoE++ 90W	10G PoE++ 90W	2.5G PoE++ 95W	Gigabit PoE++ 95W	Gigabit PoE++ 60W	Gigabit PoE++ 60W	10G PoE+	Gigabit PoE+	Gigabit PoE+
TAA/NDAA compliant	Plastic housing, TAA/NDAA compliant	TAA/NDAA compliant	TAA/NDAA compliant	TAA/NDAA compliant	Plastic housing, TAA/NDAA compliant	TAA/NDAA compliant	TAA/NDAA compliant	Plastic housing, TAA/NDAA compliant
Converts a network data signal into a PoE Ethernet connection								



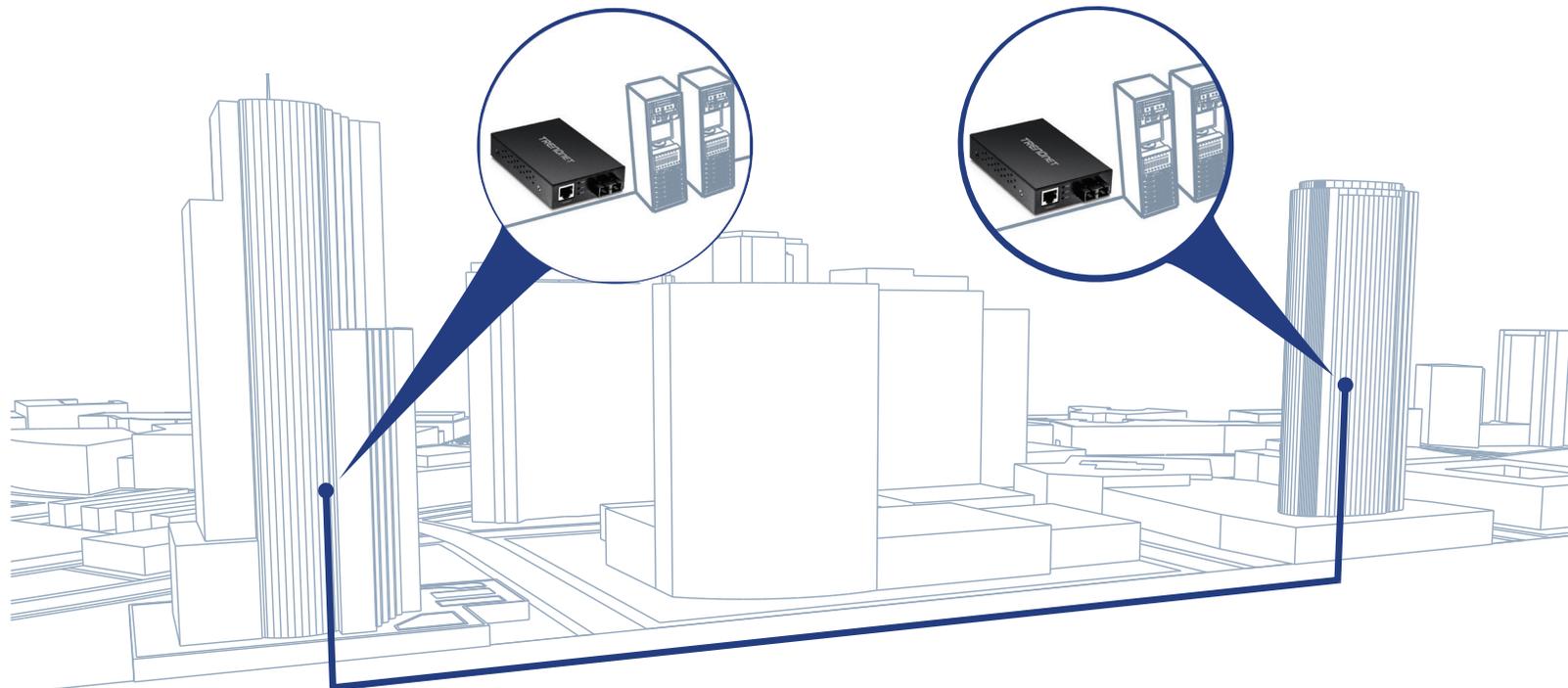
Extenders			Splitters
TPE-BE200	TPE-E100	TPE-E110	TPE-104GS
Gigabit PoE++	Gigabit PoE+	Gigabit PoE++, Amplifier	Gigabit PoE
TAA/NDAA compliant	TAA/NDAA compliant	TAA/NDAA compliant	TAA/NDAA compliant
Extends a PoE network connection for up to 100m (328 ft.) without the use of a power adapter			Splits a PoE signal into separate data and power sources

# Fiber Media Converters



Fiber Media Converters

	TFC-10GSFP	TFC-G21SFP	TFC-PGSFP	TFC-GMSC
Description	10GBASE-T to SFP+ Fiber Media Converter	Gigabit to Dual SFP Redundant Fiber Media Converter	Gigabit PoE PD SFP Fiber Media Converter	1000Base-T to 1000Base-SX Multi-Mode SC Fiber Converter
Distance	Based on SFP	Based on SFP	Based on SFP	550m / 1800 ft.
Speed	10G	Gigabit	Gigabit	Gigabit
Mode	Single, Multi	Single, Multi	Single, Multi	Multi
Connector	SFP	SFP	SFP	Duplex SC
Wavelength	Based on SFP	Based on SFP	Based on SFP	850nm
TAA/NDA compliant	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year





## Gigabit SFPs

## 10/100 SFPs

	TEG-MGBS80	TEG-MGBS40	TEG-MGBS20	TEG-MGBS10	TEG-MGBSX	TEG-MGBRJ	TE100-MGBS20	TE100-MGBFX
Distance	80km / 49.7 mi.	40km / 24.8 mi.	20km / 12.4 mi.	10km / 6.2 mi.	550m / 1,804 ft.	100m / 328 ft.	20km / 12.4 mi.	2km / 1.2 mi.
Interface	Duplex LC	Duplex LC	Duplex LC	Duplex LC	Duplex LC	RJ45	Duplex LC	Duplex LC
Speed	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit	10/100	10/100
Mode	Single	Single	Single	Single	Multi	Copper	Single	Multi
Wavelength	1550nm	1310nm	1310nm	1310nm	850nm	-	1310nm	1310nm
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year



## Gigabit WDM SFPs

	TEG-MGBS40D5	TEG-MGBS40D3	TEG-MGBS20D5	TEG-MGBS20D3	TEG-MGBS10D5	TEG-MGBS10D3
Distance	40km / 24.8 mi.	40km / 24.8 mi.	20km / 12.4 mi.	20km / 12.4 mi.	10km / 6.2 mi.	10km / 6.2 mi.
Interface	Simplex LC					
Speed	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit
Mode	Single	Single	Single	Single	Single	Single
WDM	✓	✓	✓	✓	✓	✓
Wavelength	TX: 1550nm, RX: 1310nm	TX: 1310nm, RX: 1550nm	TX: 1550nm, RX: 1310nm	TX: 1310nm, RX: 1550nm	TX: 1550nm, RX: 1310nm	TX: 1310nm, RX: 1550nm
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year

# Industrial Managed Switches



## Industrial L2 Managed

	TI-RG262i	TI-G160i	TI-G160i-M	TI-G102i	TI-G642i
Ports	24 x Gigabit, 2 x SFP	16 x Gigabit	16 x Gigabit	8 x Gigabit, 2 x SFP	4 x Gigabit, 2 x SFP
Switching capacity	52Gbps	32Gbps	32Gbps	20Gbps	12Gbps
Jumbo frames	10KB	10KB	10KB	10KB	10KB
RAM buffer	512KB	512KB	512KB	512KB	512KB
Forwarding rate	38.7Mpps	23.8Mpps	23.8Mpps	14.88Mpps	8.92Mpps
MAC address table	8K	8K	8K	8K	8K
VLAN	802.1Q, MAC-based, port isolation, up to 256 VLAN groups	Port-based, 802.1Q, MAC-based, port isolation			
ACL	-	IPv4 L2-L4	IPv4 L2-L4	IPv4 L2-L4	IPv4 L2-L4
IPv6	-	-	-	-	-
Static IP routing	-	✓	✓	✓	✓
DoS Prevention	-	✓	✓	✓	✓
802.1ab LLDP	✓	✓	✓	✓	✓
802.1X	✓	✓	✓	✓	✓
LACP (802.3ad)	✓	✓	✓	✓	✓
CoS (802.1p)	✓	✓	✓	✓	✓
Spanning tree	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP
ERPS	v2	✓	✓	✓	✓
Multicast (IGMP)	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
Operating temp.	-40° – 70° C (-40° – 158° F)	-40° – 75° C (-40° – 167° F)	-10° – 75° C (14° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)
Housing	IP30	IP40	IP30	IP40	IP40
Power supply*	TI-S15052	TI-S15052, TI-S24052, TI-S12048	TI-S15052, TI-S24052, TI-S12048	TI-S15052, TI-S24052, TI-M6024	TI-S15052, TI-S24052, TI-M6024
Mounting	Rack	DIN-Rail	DIN-Rail	DIN-Rail	DIN-Rail
TAA/NDAA compliant	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year

# Industrial Managed PoE Switches



	L2+ PoE++	Industrial L2 Managed PoE+					
	TI-BG62i	TI-RP262i	TI-PG1284i	TI-PG103i	TI-PG102i	TI-PG743Bi	TI-PG541i
Ports	4 x Gigabit PoE++, 2 x SFP	24 x Gigabit PoE+, 2 x SFP	8 x Gigabit PoE+, 4 x Gigabit SFP, 1 x Console	8 x Gigabit PoE+, 2 x Gigabit SFP	8 x Gigabit PoE+, 2 x Gigabit SFP	4x Gigabit PoE, 1 x Gigabit, 2 x SFP	4 x Gigabit PoE+, 1 x Gigabit, 1 x SFP
PoE budget	360W	685W	240W	240W @ 48V input, 124W @ 24V input	240W @ 48V input, 124W @ 24V input	120W	120W
Max. power per port	95W	30W	30W	30W	30W	30W	30W
Switching capacity	12Gbps	52Gbps	24Gbps	20Gbps	20Gbps	14Gbps	12Gbps
Jumbo frames	10KB	10KB	10KB	10KB	10KB	10KB	10KB
RAM buffer	1.5MB	512KB	1.5MB	512KB	512KB	512KB	512KB
Forwarding rate	8.9Mpps	38.7Mpps	17.86Mpps	14.8Mpps	14.8Mpps	10.42Mpps	8.93Mpps
MAC address table	16K	8K	16K	8K	8K	✓	8K
VLAN	802.1Q, port-based, MAC-based, Q-in-Q VLAN, port isolation	Port-based, 802.1Q, MAC-based, port isolation	802.1Q, port-based, MAC-based, Q-in-Q VLAN, port isolation	Port-based, 802.1Q, MAC-based, port isolation	Port-based, 802.1Q, MAC-based, port isolation	✓	Port-based, 802.1Q, MAC-based, port isolation
ACL	IPv4 L2-L4	IPv4 L2-L4	IPv4 L2-L4	IPv4 L2-L4	IPv4 L2-L4	✓	IPv4 L2-L4
IPv6	IPv6 static IP address, DHCPv6 client	-	IPv6 static IP address, DHCPv6 client	-	-	✓	-
Static IP routing	✓	✓	✓	✓	✓	✓	✓
DoS Prevention	✓	✓	✓	✓	✓	✓	✓
802.1ab LLDP	✓	✓	✓	✓	✓	✓	✓
802.1X	✓	✓	✓	✓	✓	✓	✓
LACP (802.3ad)	✓	✓	✓	✓	✓	✓	✓
CoS (802.1p)	✓	✓	✓	✓	✓	✓	✓
Spanning tree	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	✓	STP, RSTP, MSTP
ERPS	✓	✓	✓	✓	✓	✓	✓
Multicast (IGMP)	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	✓	v1, v2, v3
SNMP	v1, v2c, 3	v1, v2c, v3	v1, v2c, 3	v1, v2c, v3	v1, v2c, v3	✓	v1, v2c, v3
Operating temp.	-40° – 75° C (-40° – 167° F)	-40° – 70° C (-40° – 158° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)
Housing	IP40	IP30	IP30	IP40	IP40	IP40	IP40
Power supply*	TI-S15052, TI-S24052, TI-S48048	TI-S15052, TI-S24052, TI-RSP100048	TI-S15052, TI-S24052, TI-S48048	TI-S15052, TI-S24052, TI-S48048	TI-S15052, TI-S24052, TI-S48048	TI-S24048, TI-S24052, TI-S15052	TI-S15052, TI-S24052, 48VDC3000, TI-S24048
Mounting	DIN-Rail	Rack	DIN-Rail	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail	DIN-Rail
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year

\*Power supply required.

 Not available in UK.

# Industrial Unmanaged Switches



	Industrial 2.5G			Industrial Gigabit							Industrial 10/100	
	TI-G5091	TI-G50611	TI-G5062	TI-G262	TI-G162	TI-G102	TI-G80	TI-G50	TI-G62	TI-G51SC	TI-E80	TI-E50
Ports	8 x 2.5G, 1 x 10G SFP+	4 x 2.5G, 1 x 10G RJ45, 1 x 10G SFP+	4 x 2.5G, 2 x 10G SFP+	24 x Gigabit, 2 x Gigabit SFP	14 x Gigabit, 2 x Gigabit SFP	8 x Gigabit, 2 x Shared Gigabit (RJ45/SFP)	8 x Gigabit	5 x Gigabit	4 x Gigabit, 1 x SFP, 1 x Shared Gigabit (RJ45/SFP)	4 x Gigabit, 1 x Gigabit Multi- Mode SC	8 x 10/100Mbps	5 x 10/100Mbps
Switching capacity	60Gbps	60Gbps	60Gbps	52Gbps	32Gbps	20Gbps	16Gbps	10Gbps	12Gbps	10Gbps	1.6Gbps	1Gbps
Jumbo frames	12KB	12KB	12KB	9KB	9KB	10KB	9KB	9KB	9KB	9KB	-	-
RAM buffer	1MB	1MB	1MB	512KB	512KB	256KB	128KB	128KB	128KB	48KB	56KB	56KB
MAC address table	4K	4K	4K	8K	8K	16K	8K	8K	2K	2K	1K	1K
Operating temp.	-40° – 75° C (-40° – 167° F)			-40° – 75° C (-40° – 167° F)							-40° – 75° C (-40° – 167° F)	
Housing	IP50	IP50	IP50	IP50	IP50	IP50	IP50	IP50	IP50	IP50	IP50	IP50
Power supply*	TI-M6024, 48VDC3000			TI-M6024, TI-S15052	TI-S15052, TI-S24052, TI-M6024					TI-M6024, TI-S15052, 48VDC3000	TI-S15052, TI-S24052, TI-M6024	
Mounting	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year

# Industrial Unmanaged PoE Switches



	Industrial 2.5G PoE++		Industrial Gigabit PoE++			PoE Powered	Industrial Gigabit PoE+			
	TI-BG5091	TI-BG50611	TI-BG108	TI-BG104	TI-UPG62	TI-B541	TI-RP262	TI-PG262	TI-PG160	TI-PG162
Ports	8 x 2.5G PoE++, 1 x 10G SFP+	4 x 2.5G PoE++, 1 x 10G SFP+, 1 x 10G	8 x Gigabit PoE++, 2 x Shared Gigabit (RJ45 / SFP)	4 x Gigabit PoE++, 4 x Gigabit PoE+, 2 x Shared Gigabit (SFP or RJ45)	4 x Gigabit PoE++, 1 x Shared Gigabit, 2 x SFP	4 x Gigabit PoE++ input, 1 x Gigabit PoE+ output	24 x Gigabit PoE+, 2 x Gigabit SFP	16 x Gigabit PoE+, 8 x Gigabit, 2 x Gigabit SFP	16 x Gigabit PoE+	14 x Gigabit PoE+, 2 x Gigabit SFP
PoE budget	480W	240W	400W	360W	240W	65W	685W	480W	240W	240W
Max. power per port	95W	95W	95W	90W	90W	90W	30W	30W	30W	30W
Switching capacity	60Gbps	60Gbps	20Gbps	20Gbps	12Gbps	10Gbps	52Gbps	52Gbps	32Gbps	32Gbps
Jumbo frames	12KB	12KB	10KB	10KB	9KB	9KB	9KB	9KB	9KB	9KB
RAM buffer	1MB	1MB	256KB	256KB	128KB	128KB	512KB	512KB	512KB	512KB
MAC address table	4K	4K	11K	11K	1K	2K	8K	8K	8K	8K
Operating temp.	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)
Housing	IP50	IP50	IP50	IP30	IP30	IP50	IP30	IP30	IP30	IP30
Power supply*	TI-S48048, TI-S24052, 48VDC3000	TI-S48048, TI-S24052, 48VDC3000	TI-S48048, TI-S24052	TI-S15052, TI-S24052, TI-S24048, TI-S48048	TI-S15052, TI-S24052, TI-S48048	-	TI-S48048, TI-RSP100048	TI-S48048	TI-S15052, TI-S24052, TI-S48048	TI-S15052, TI-S24052, TI-S48048
Mounting	Din-Rail, Wall	Din-Rail, Wall	Din-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	Rack	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year

\*Power supply required.

# Industrial Unmanaged PoE+ Switches



	Industrial Gigabit PoE+							Industrial 10/100 PoE+	
	TI-PG102	TI-PGM102	TI-PG80	TI-PG62	TI-PG541	TI-PG50	TI-PGM541	TI-PE80	TI-PE50
Ports	8 x Gigabit PoE+, 2 x Shared Gigabit (RJ45 / SFP)	8 x Gigabit PoE+, 2 x Gigabit SFP	8 x Gigabit PoE+	4 x Gigabit PoE+, 1 x SFP, 1 x Shared Gigabit (RJ45 / SFP)	4 x Gigabit PoE+, 1 x Gigabit, 1 x SFP	4 x Gigabit PoE+, 1 x Gigabit	4 x Gigabit PoE+, 1 x Gigabit SFP	8 x 10/100Mbps PoE+	4 x 10/100Mbps PoE+, 1 x 10/100Mbps
PoE budget	240W	240W	200W	120W	120W	120W	120W	200W	90W
Max. power per port	30W	30W	30W	30W	30W	30W	30W	30W	30W
Switching capacity	20Gbps	20Gbps	16Gbps	12Gbps	12Gbps	10Gbps	10Gbps	1.6Gbps	1Gbps
Jumbo frames	10KB	9KB	9KB	9KB	10KB	9KB	9KB	-	-
RAM buffer	256KB	181KB	128KB	128KB	512KB	128KB	8KB	128KB	56KB
MAC address table	16K	4K	8K	1K	8K	2K	2K	1K	1K
Operating temp.	-40° – 75° C (-40° – 167° F)	-20° – 65° C (-4° – 149° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)	-20° – 65° C (-4° – 149° F)	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)
Housing	IP30	IP30	IP50	IP50	IP40	IP50	IP30	IP50	IP50
Power supply*	TI-S15052, TI-S24052, 48VDC3000, TI-S24048	TI-S15052, TI-S24052, TI-S24048	TI-S15052, TI-S24052, TI-S24048	TI-S15052, TI-S24052, 48VDC3000, TI-S12048, TI-S24048	TI-S15052, TI-S24052, 48VDC3000, TI-S12048, TI-S24048	TI-S15052, TI-S24052, TI-S12048, TI-S24048	TI-S15052, TI-S24052, TI-S12048	TI-S15052, TI-S24052, TI-S24048	TI-S15052, TI-S24052, TI-M6024, TI-S12048
Mounting	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year

# Industrial Specialty Switches



	Variable Voltage			Front Access				EN50155 M12	
	TI-BG5091B	TI-PG80B	TI-PG62B	TI-PG102F	TI-PG80F	TI-PG62F	TI-PG50F	TI-XPG102	TI-XPG50
Ports	8 x 2.5G PoE++, 1 x 10G SFP+	8 x Gigabit PoE+	4 x Gigabit PoE+, 2 x SFP	8 x Gigabit PoE+, 2 x SFP	8 x Gigabit PoE+,	4 x Gigabit PoE+, 2 x Gigabit SFP	4 x Gigabit PoE+, 1 x Gigabit	8 x M12 Gigabit PoE+, 2 x M12 Gigabit	4 x M12 Gigabit PoE+, 1 x M12 Gigabit
PoE budget	480W	120W – 200W	60 – 120W	240W	200W	120W	120W	200W	120W@56V DC
Max. power per port	95W	30W	30W	30W	30W	30W	30W	30W	30W
Switching capacity	60Gbps	16Gbps	12Gbps	20Gbps	16Gbps	12Gbps	10Gbps	20Gbps	10Gbps
Jumbo frames	12KB	9KB	9KB	10KB	9KB	10KB	9KB	9KB	9KB
RAM buffer	1MB	128KB	128KB	256KB	128KB	128KB	128KB	512KB	128KB
MAC address table	4K	4K	1K	16K	4K	1K	2K	8K	2K
Operating temp.	-40° – 75° C (-40° – 167° F)			-40° – 75° C (-40° – 167° F)				-40° – 75° C (-40° – 167° F)	
Housing	IP50	IP50	IP50	IP30	IP30	IP30	IP30	IP40	IP67
Power supply*	TI-S48048, TI-S24052, 48VDC3000	TI-S15052, TI-S24052, TI-S24048, TI-S12024	TI-S15052, TI-S24052, TI-S12024, TI-S12048	TI-S15052, TI-S24052, TI-S24048, TI-S48048, 48VDC3000		TI-S15052, TI-S24052, TI-S12048, TI-S24048, 48VDC3000	TI-S15052, TI-S24052, TI-S24048, TI-S48048, 48VDC3000	TI-S24052	TI-S15052
Mounting	Din-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Magnet	DIN-Rail, Wall	Wall	DIN-Rail, Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year

\*Power supply required.

# Industrial PoE Solutions



	Injectors							Surge Protector
	TI-IG319	TI-IG290	TI-IG219	TI-O119GI	TI-IG90	TI-IG215	TI-IG30	TI-OS300
Description	10G PoE++	2-Port 2.5G PoE++	2.5G PoE++	Gigabit PoE++	Gigabit PoE++	2.5G PoE+	Gigabit PoE+	2.5G PoE++
PoE budget	120W	180W	95W	95W	90W	30W	30W	95W
Operating temp.	-40° – 75° C (-40° – 167° F)		-40° – 75° C (-40° – 167° F)		-40° – 75° C (-40° – 167° F)		-40° – 75° C (-40° – 167° F)	
Housing	IP50	IP30	IP50	IP67	IP50	IP50	IP50	IP67
Power supply*	TI-S15052	TI-S15052, TI-S24052, TI-S24048	TI-S15052	-	TI-S15052, TI-S24052, TI-S12048	TI-S15052	TI-S15052, TI-S24052, TI-S12048	-
Mounting	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year



	Extenders				Splitters		
	TI-EU120	TI-BE200	TI-BEP200	TI-OE110	TI-E100	TI-SG704	TI-SG104
Description	2-Port Gigabit PoE++	2-Port Gigabit PoE++	2-Port Gigabit Active/Passive PoE+	Gigabit PoE+	Gigabit PoE+	10G PoE++	Gigabit PoE++
PoE budget	75W	60W	60W	26W	30W	90W	-
Operating temp.	-40° – 75° C (-40° – 167° F)		-40° – 75° C (-40° – 167° F)			-40° – 75° C (-40° – 167° F)	
Housing	IP67	IP67	IP67	IP67	IP30	IP50	IP30
Power supply	PD power input: 30W, 60W, 95W	PoE++	PoE++	TI-S15052, TI-S24052, TI-S12048*	TI-S15052, TI-S24052, TI-S12048*	DC output: 12V, 16V, 24V, 48V	DC output: 12V, 16V, 24V, 48V
Mounting	Wall	Wall	Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year



	Industrial Gigabit Fiber Converters						Industrial 100Mbps Fiber Converters	
	TI-OBF711	TI-BF711SFP	TI-UF11SFP	TI-PF11SFP	TI-F711SFP	TI-F11SFP	TI-F10S30	TI-F10SC
Description	Outdoor 10G SFP+ to 10G PoE++	10G SFP+ to 10G PoE++	SFP to Gigabit UPoE	SFP to Gigabit PoE+	10G SFP+ to 10G	100/1000BASE-T to SFP	100BASE-FX Single-Mode SC	100BASE-FX Multi-Mode SC
Distance	20km (12.41 mi.)	Based on SFP	Based on SFP	Based on SFP	Based on SFP	Based on SFP	30km (18.6 mi.)	2km (1.2 mi.)
Fiber mode	Single	Based on SFP	Based on SFP	Based on SFP	Based on SFP	Based on SFP	Single	Multi
Fiber connector	Duplex LC	SFP	SFP	SFP	SFP	SFP	Duplex SC	Duplex SC
PoE budget	95W	95W	60W	30W	-	-	-	-
Wavelength	1310nm	Based on SFP	Based on SFP	Based on SFP	Based on SFP	Based on SFP	1310nm	1310nm
Operating temp.	-40° – 75° C (-40° – 167° F)		-40° – 75° C (-40° – 167° F)		-40° – 75° C (-40° – 167° F)		-40° – 75° C (-40° – 167° F)	
Housing	IP67	IP50	IP50	IP50	IP50	IP50	IP50	IP50
Power supply*	-	TI-S15052	TI-S15052, TI-S24052, TI-S12048	TI-S15052, TI-S24052, TI-S12048	TI-M6024, 48VDC3000	TI-S15052, TI-S24052, TI-M6024	TI-S15052, TI-S24052, TI-M6024	TI-S15052, TI-S24052, TI-M6024
Mounting	Pole	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall	DIN-Rail, Wall
TAA/NDAA compliant	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year	3-year	3-year	3-year



	Industrial SFP Modules				
	TI-MGBS40	TI-MGBS20	TI-MGBS10	TI-MGBSX	TI-MGBRJ
Distance	40km / 24.8 mi.	20km / 12.42 mi.	10km / 6.2 mi.	550m / 1,804 ft.	100m / 328 ft.
Interface	Duplex LC	Duplex LC	Duplex LC	Duplex LC	RJ45
Speed	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit
Fiber mode	Single (40km)	Single	Single (10km)	Multi (550m)	Copper
Wavelength	1310nm	1310nm	1310nm	850nm	-
Operating temp.	-40° – 85° C (-40° – 185° F)		-40° – 85° C (-40° – 185° F)		-40° – 85° C (-40° – 185° F)
TAA/NDAA compliant	✓	✓	✓	✓	✓
Warranty	3-year	3-year	3-year	3-year	3-year

\*Power supply required.

# Industrial Wireless & Modbus



## Industrial Modbus Gateways

	TI-M42	TI-M12
Ports	4 x Serial (DB-9), 2 x 10/100Mbps	1 x Serial (DB-9), 2 x 10/100Mbps
Serial connections	RS-232, RS-422, RS-485	RS-232, RS-422, RS-485
Operating temp.	-40° – 75° C (-40° – 167° F)	-40° – 75° C (-40° – 167° F)
Housing	IP30	IP30
Power supply*	TI-S15052, TI-S24052, TI-M6024, 48VDC3000	TI-S15052, TI-S24052, TI-M6024, 48VDC3000
Mounting	DIN-Rail, Wall	DIN-Rail, Wall
TAA/NDAA compliant	✓	✓
Warranty	3-year	3-year

TEW-LB101



TI-S12048  
TI-W100  
TI-CA2

TI-M12



TI-PG80B  
TI-S24048



TI-G160i  
TI-S12048



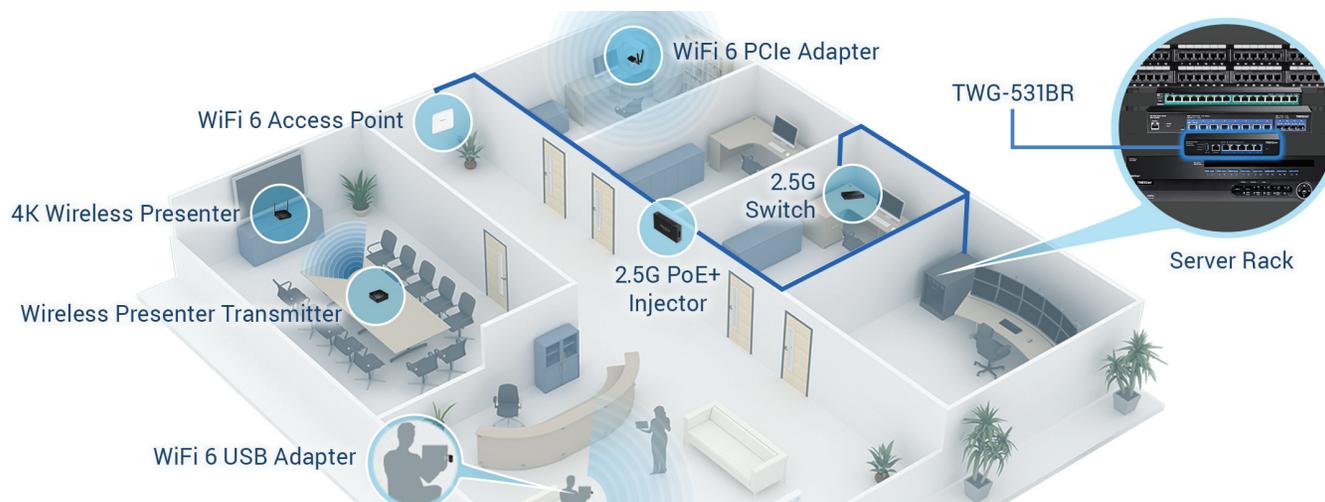
TI-M12





## Wired

	TWG-532BR	TWG-531BR
Wireless rating	-	-
Max. data rate / WiFi band	-	-
Ports	8 x 2.5G, 1 x 10G SFP+, 1 x 10G RJ45 Console	4 x 2.5G, 1 x 10G SFP+, 1 x USB 3.0, 1 x RJ45 Console
Features	Multi-WAN, VPN router, rack mountable	Bark*, Multi-WAN, VPN router
VPN	PPTP / L2TP, L2TP w/ IPsec, IPsec, SSL VPN	PPTP / L2TP, L2TP w/ IPsec, IPsec, SSL VPN
Multi-WAN	Fail-over, load balancing	Fail-over load balancing
Access controls	MAC / IP filter, DMZ / Port Forwarding	MAC / IP filter, DMZ / Port Forwarding
Management	HTTP / HTTPS, Telnet / SSH, Console	HTTP / HTTPS, Telnet / SSH, Console
VLAN	802.1Q VLAN / Inter-VLAN routing	802.1Q VLAN / Inter-VLAN routing; multiple SSID w/ VLAN tagging
Scheduling	Auto power cycle, auto update, WoL	Auto power cycle, auto update, raiois on/off
TAA compliant	-	✓
NDAA compliant	✓	✓
Warranty	3-year	3-year



\*Service fees apply.

Not available in UK.

Compatible with Hive.

# PoE Surveillance



	Fixed Turret Camera	Fixed Bullet Camera
	TV-IP1515PI	TV-IP1514PI
Features	5MP HD H.265 w/ Night Vision	5MP HD H.265 w/ Night Vision
Connectivity	PoE	PoE
Free app	Sentinel mobile app for Android™ or iOS™	Sentinel mobile app for Android™ or iOS™
Free software	Manage up to 144 TRENDnet cameras with View Manager	Manage up to 144 TRENDnet cameras with View Manager
Housing	IP66	IP66
Compression	H.265, H.264	H.265, H.264
Max. resolution	2592 x 1920	2592 x 1920
Image sensor	1/2.7" CMOS	1/2.7" CMOS
Lens	3.6mm @ F1.6	3.6mm @ F1.6
Viewing angle	106°	106°
Zoom	-	-
Audio support	Built-in microphone	Built-in microphone
Vision	Night vision up to 30m (98 ft.)	Night vision up to 30m (98 ft.)
Pan & tilt	Fixed position: Manually pan 355° & tilt 75°	-
Network	IPv4, IPv6	IPv4, IPv6
ONVIF	Profile S	Profile S
Power consumption	6W max.	5.5W max.
Micro SD slot	✓ (up to 256GB)	✓ (up to 256GB)
Operating temp.	-30° – 50° C (-22° – 122° F)	-30° – 50° C (-22° – 122° F)
Hardware	Mounting hardware included	Mounting hardware included
TAA/NDAA compliant	✓	✓
Warranty	3-year	3-year

	H.265 4K PoE NVR
	TV-NVR1508
Features	Advanced camera viewing, recording, and playback
Channels	8
PoE budget	60W
Hard drive	1 × 3.5 HDD up to 10TB
Video interface	1 x HDMI, 1 x VGA
USB ports	-
Recording time*	Over one month of continuous 1080p HD recording
Viewing modes	1, 4, 8, 9
PTZ support	✓
Audio support	✓
Web GUI interface	✓
Export file type	H.265, H.264
Mobile app	✓
Compatible cameras	Compatible with TRENDnet & third-party PoE cameras
Mounting	Rack
TAA/NDAA compliant	✓
Warranty	2-year

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