

# TRENDNET<sup>®</sup>

## PRODUCT CATALOG



NVRs



SURVEILLANCE



PoE



WIRELESS



INDUSTRIAL





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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.

- Price-to-Performance Leader
- Multi-Award-Winning Product Line
- Demonstrated Reliability
- Exceptional Product Quality
- Comprehensive Customer Support
- Pre-Sales Engineering Support
- Premium Technical Support Services

PoE

SURVEILLANCE



### **Français:**

La vision de TRENDnet est de construire des réseaux novateurs, simples à utiliser et fiables sur lesquels les gens peuvent compter. Les solutions de TRENDnet mettent en réseaux d'innombrables périphériques qui simplifient votre style de vie et votre travail en ligne. En créant depuis 1990 des solutions de mise en réseau primées, TRENDnet vous connecte avec ce que vous avez de plus précieux. Fondé à Torrance, Californie, TRENDnet a grandi pour devenir une marque internationale de matériel, leader de la mise en réseau. TRENDnet est leader en matière de rapport qualité/prix, avec une ligne de produits primés, une fiabilité démontrée, une qualité de produits exceptionnelle, un service clientèle complet, une assistance en soutien en ingénierie d'avant-vente et des services d'assistance technique de premier plan.

### **Deutsche:**

TRENDnet hat es sich zum Ziel gesetzt, innovative, einfach zu verwendende und zuverlässige Netzwerke zu erstellen, denen die Kunden vertrauen (Networks People Trust™). Die Lösungen von TRENDnet vernetzen unzählige Geräte, um Ihnen ein verbundenes Leben und Arbeiten zu ermöglichen. TRENDnet schafft seit 1990 preisgekrönte Netzwerklösungen und verbindet Sie mit dem, was Ihnen am wichtigsten ist. Seit der Gründung in Torrance, Kalifornien, ist TRENDnet zu einer weltweit führenden Netzwerkhardwaremarke geworden. TRENDnet verfügt über ein führendes Preis-Leistungsverhältnis mit einer mehrfach ausgezeichneten Produktreihe und erwiesener Zuverlässigkeit, herausragender Produktqualität, umfassendem Kundendienst, Engineering-Unterstützung vor dem Verkauf und erstklassigem technischen Support.

### **Português:**

O objetivo da TRENDnet é sempre criar redes inovadoras, fáceis de usar e confiáveis. Soluções de rede da TRENDnet são compostas por inúmeros dispositivos para garantir o seu estilo de vida e trabalho conectados. Com soluções de rede premiadas desde 1990, com a TRENDnet você se conecta com o que você mais valoriza. Fundada em Torrance, Califórnia, a TRENDnet cresceu e se tornou uma marca líder de dispositivos de rede. A TRENDnet é líder na relação custo-desempenho, com uma multipremiada linha de produtos, confiabilidade, excepcional qualidade dos produtos, suporte ao cliente, suporte pré-vendas e serviços de suporte técnico premium.

### **Español:**

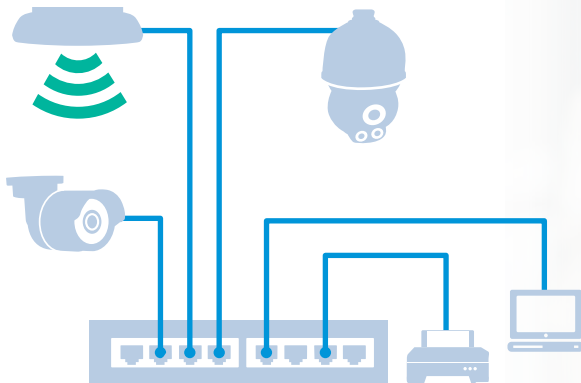
La visión de TRENDnet es crear redes innovadoras, de fácil uso y de confianza (Networks People Trust™). Las soluciones de TRENDnet conectan en red los numerosos dispositivos que le permiten mantener su modo de vida y de trabajo conectados. TRENDnet, con sus premiadas soluciones de red desde 1990, le conecta con lo que usted más valora. Fundada en Torrance, California, TRENDnet ha crecido hasta convertirse en una marca líder en el mundo en hardware de redes. TRENDnet es líder en la relación precio/rendimiento, con una línea de productos galardonada con múltiples premios, solidez contrastada, calidad excepcional en sus productos, soporte integral al cliente, soporte de ingeniería previo a la venta y servicios de soporte técnico de primera categoría.

# Save with Power over Ethernet

Save on setup costs by delivering power and data over Ethernet cables to PoE devices such as IP cameras and access points. PoE delivers up to 15.4 watts of power per port; PoE+ delivers up to 30 watts of power per port.

## PoE Benefits

- Reduced installation cost
- Less setup time
- Flexibility for remote installations
- No need for electrician
- Network scalability
- Managed controls







**Français:**

Economisez sur les frais d'installation de l'alimentation et les données grâce aux câbles Ethernet des périphériques PoE tels les caméras IP et les points d'accès. Le PoE fournit jusqu'à 15,4 watts par port ; le PoE+ fournit jusqu'à 30 watts d'alimentation par port. Les avantages du PoE sont nombreux: des frais d'installation réduits, le temps d'installation moindre, la souplesse pour les installations à distance, la possibilité de se passer d'un électricien, la souplesse du réseau et enfin les commandes gérées.

**Deutsche:**

Sparen Sie Einrichtungskosten, indem Sie Strom und Daten über Ethernet-Kabel an PoE-Geräte übertragen wie zum Beispiel IP-Kameras und Access Points. PoE liefert bis zu 15,4 Watt Strom je Port; PoE+ liefert bis zu 30 Watt Strom je Port. Die Vorteile von PoE beinhalten unter anderem geringere Installationskosten, schnellere Einrichtung, Flexibilität für Remote-Installationen, kein Bedarf für einen Elektriker, Netzwerk-Skalierbarkeit und verwaltete Kontrollen.

**Português:**

Economize em custos de instalação, fornecendo energia e dados através de cabos Ethernet para dispositivos PoE, tais como câmeras IP e pontos de acesso. Dispositivos PoE fornecem até 15,4 watts de potência por porta e PoE+ fornecem até 30 watts de potência por porta. Os benefícios PoE incluem redução de custos de instalação, redução do tempo de instalação, flexibilidade para instalações remotas, sem necessidade de um electricista, escalabilidade da rede e gerenciamento.

**Español:**

Ahorre gastos de instalación suministrando alimentación y datos mediante cables Ethernet a dispositivos PoE como cámaras IP y puntos de acceso. En el caso de PoE, se suministran hasta 15.4 vatios de alimentación PoE por puerto, y 30 vatios por puerto en el caso de PoE+. Las ventajas de PoE son un ahorro en gastos y tiempo de instalación, flexibilidad para instalaciones remotas, poder prescindir de un electricista, escalabilidad de la red y controles administrados.

# PoE Managed Switches

See more Managed Switches on pg 24



	Layer 2 Managed PoE/PoE+		Web Smart Gigabit PoE/PoE+				Web Smart 10/100 PoE/PoE+
	TL2-PG484	TL2-PG284	TPE-4840WS	TPE-2840WS	TPE-1620WS	TPE-1020WS	TPE-224WS
Ports	24 x PoE+ Gigabit, 24 x Gigabit, 4 x SFP, console port	4 x PoE+ Gigabit, 20 x PoE Gigabit, 4 x SFP, console port	24 x PoE+ Gigabit, 24 x Gigabit, 4 x SFP	4 x PoE+ Gigabit, 20 x PoE Gigabit, 4 x SFP	16 x PoE+ Gigabit, 2 x SFP	8 x PoE+ Gigabit, 2 x Gigabit, 2 x SFP	4 x PoE+ 10/100 Mbps, 20 x PoE 10/100 Mbps, 4 x Gigabit, 2 x SFP
PoE budget	370 watts	185 watts	370 watts	185 watts	185 watts	75 watts	193 watts
Max. power per port	30 watts	30 watts	30 watts	30 watts	30 watts	30 watts	30 watts
Switching fabric	96 Gbps	56 Gbps	96 Gbps	56 Gbps	32 Gbps	20 Gbps	12.8 Gbps
RAM buffer	1 MB	1 MB	1 MB	1 MB	1 MB	1 MB	512 KB
Forwarding rate	71.4 Mpps	41.7 Mpps	71.4 Mpps	41.7 Mpps	23.8 Mpps	14.9 Mpps	9.5 Mpps
MAC address table	16 K	16 K	16 K	16 K	16 K	16 K	8 K
VLAN	Asymmetric, port based, 802.1Q, private, voice, dynamic GVRP						
ACL	L2, L3, L4						
IPv6	IPv6 Neighbor Discovery, IPv6 Static IP, DHCPv6, auto configuration						
DoS prevention	✓						
802.1ab LLDP	✓						
802.1X	✓						
Spanning tree	STP, RSTP, MSTP						
Multicast (IGMP)	v1, v2, v3						
SNMP	v1, v2c, v3						
Port based link aggregation	✓						
Rackmount	✓						
Fan	Smart fans	Smart fans	Smart fans	Smart fans	Smart fans	Fanless	Smart fans
Limited warranty	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*



Injectors		Splitters	Repeaters	
TPE-117GI	TPE-115GI	TPE-104GS	TPE-E100	TPE-E110
Gigabit Ultra PoE Injector	Gigabit PoE+ Injector	Gigabit PoE Splitter	Gigabit PoE+ Repeater	Gigabit PoE+ Amplifier

Converts a network data signal into a PoE Ethernet connection

Splits a PoE signal into separate data and power sources

Extends a PoE network connection for up to 100 m (328 ft.) without the use of a power adapter

\*See warranty policy at TRENDnet.com



# High-Power AV Switches



## LEDs

Front-facing LED display conveys PoE power total, power remaining, and power consumed per port



## Rear Ports

Rear-mounted ports improve cable management and easily integrates into your AV equipment rack



## High-Power

Each of TRENDnet's AV switches features a high-capacity PoE power budget and PoE+ support



## Complementary Devices

- AV equipment
- Video encoders & decoders
- Audio distribution systems
- IP surveillance cameras
- Wireless access points



## Common Applications

- Restaurants & bars
- Homes with multi-room AV
- TV/radio broadcast
- Corporate campuses
- Universities

## Français:

Les switches AV high-power disposent tous d'un affichage LED à l'avant qui indique l'alimentation PoE totale, la puissance restante et la consommation d'énergie par port ; les ports situés à l'arrière simplifient la gestion du câblage et permettent d'intégrer simplement votre rack de matériel AV ; ils disposent également d'une capacité d'alimentation PoE totale élevée et sont compatibles PoE+. Les appareils supplémentaires comprennent l'équipement AV, les encodeurs et décodeurs vidéo, les systèmes de distribution audio, les caméras IP de surveillance et les points d'accès WiFi. Les applications habituelles sont les restaurants et les bars, les domiciles avec un AV multi-room, diffusion sur téléviseur ou radio, les sites d'entreprises et les universités.

## Deutsche:

Hochleistungs-AV Switche verfügen jeweils über eine LED-Anzeige an der Vorderseite des Geräts, die das PoE-Gesamtbudget, die verbleibende Leistung und den Leistungsverbrauch je Port anzeigt, Ausgänge auf der Rückseite des Geräts für bessere Kabelführung und einfache Integration in Ihr AV-Rack, und eine starke PoE-Gesamtleistung sowie PoE-Unterstützung. Ergänzende Geräte sind zum Beispiel AV-Ausrüstung, Video-Encoder und Decoder, Audioverteilssysteme, IP-Überwachungskameras und Wireless Access Points. Gängige Anwendungen sind unter anderem in Restaurants und Kneipen, Häusern mit AV in mehreren Räumen, TV-/Radioübertragung, Betriebsgelände und Universitäten.

## Português:

Switches AV de alta potência fornece painel de LED frontal com informação sobre a potência total PoE, a potência restante e o consumo de potência por porta. As portas estão na parte de trás do dispositivo para conexão dos cabos, garantindo melhor estética para o seu ambiente e fácil integração em seu rack de equipamentos AV, além de suporte a PoE e PoE+ com uma alta capacidade de potência disponibilizada. Dispositivos complementares incluem equipamentos AV, codificadores e decodificadores de vídeo, sistemas de distribuição de áudio, câmeras de vigilância IP e pontos de acesso sem fio. As aplicações mais comuns incluem restaurantes e bares, casas com ambientes AV, transmissão de TV/rádio, ambientes corporativos e universidades.

## Español:

Cada uno de los switches AV de alta potencia cuenta con una pantalla LED frontal que indica la cantidad total de potencia PoE, la potencia restante y el consumo por puerto. Los puertos traseros facilitan el manejo de los cables y se integran en su bastidor de equipo AV. Estos switches ofrecen una elevada capacidad total de potencia PoE y compatibilidad con PoE+. Entre los dispositivos complementarios se encuentran el equipo AV, codificadores y descodificadores de vídeo, sistemas de distribución de audio, cámaras de vigilancia IP y puntos de acceso wireless. Las aplicaciones más frecuentes son para restaurantes y bares, viviendas con AV multisala, difusión por TV/radio, campus empresariales y universidades.

# PoE Unmanaged Switches

See more Unmanaged Switches on pg 25



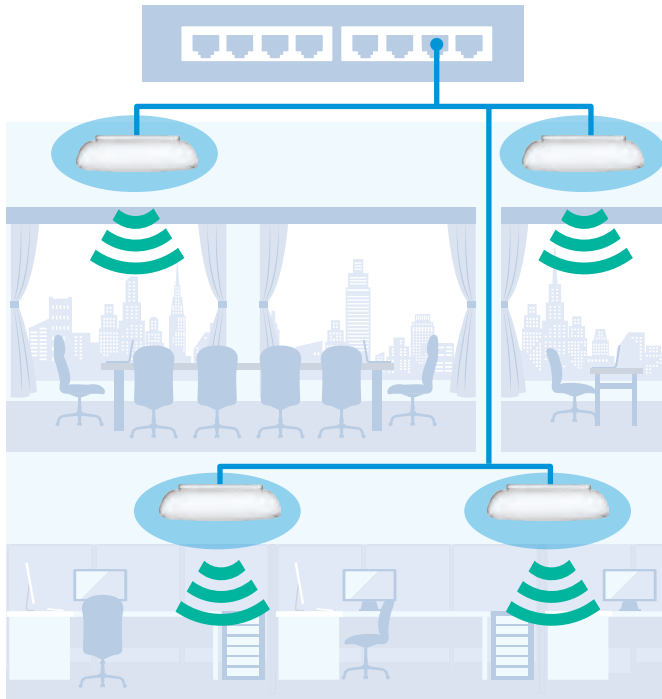
	Gigabit PoE+						AV Series: Gigabit PoE+		NVR Series
	TPE-TG240g	TPE-TG160g	TPE-TG81g	TPE-TG80g	TPE-TG44g	TPE-TG50g	TPE-3026L	TPE-3016L	TPE-3018L
Ports	24 x PoE+ Gigabit	16 x PoE+ Gigabit	8 x PoE+ Gigabit	8 x PoE+ Gigabit	4 x PoE+ Gigabit, 4 x Gigabit	4 x PoE+ Gigabit, 1 x Gigabit	24 x PoE+ Gigabit, 2 x SFP	16 x PoE+ Gigabit	16 x PoE+ Gigabit
PoE budget	370 watts	246 watts	105 watts	123 watts	72 watts	31 watts	400 watts	220 watts	220 watts
Max. power per port	30 watts	30 watts	30 watts	30 watts	30 watts	30 watts	30 watts	30 watts	30 watts
Switching fabric	48 Gbps	32 Gbps	16 Gbps	16 Gbps	16 Gbps	10 Gbps	52 Gbps	32 Gbps	36 Gbps
RAM buffer	512 KB	512 KB	96 KB	128 KB	96 KB	96 KB	400 KB	400 KB	512 KB
MAC address table	8 K	8 K	2 K	8 K	1 K	1 K	8 K	4 K	8 K
Rackmount	✓	✓	✓	-	-	-	✓	✓	✓
Power adapter	Internal	Internal	Internal	External	External	External	Internal	Internal	Internal
Limited warranty	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*



	10/100 PoE+			AV Series: 10/100 PoE+		10/100 PoE	
	TPE-T160	TPE-T80	TPE-T80H	TPE-1026L	TPE-1016L	TPE-S44	TPE-S50
Ports	16 x PoE+ 10/100 Mbps	8 x PoE+ 10/100 Mbps	8 x PoE+ 10/100 Mbps	24 x PoE+ 10/100 Mbps, 2 x SFP	16 x PoE+ 10/100 Mbps	4 x PoE 10/100 Mbps, 4 x 10/100 Mbps	4 x PoE 10/100 Mbps, 1 x 10/100 Mbps
PoE budget	480 watts	240 watts	125 watts	400 watts	220 watts	30 watts	31 watts
Max. power per port	30 watts	30 watts	30 watts	30 watts	30 watts	15.4 watts	15.4 watts
Switching fabric	3.2 Gbps	1.6 Gbps	1.6 Gbps	8.8 Gbps	3.2 Gbps	1.6 Gbps	1 Gbps
RAM buffer	192 KB	160 KB	160 KB	400 KB	400 KB	96 KB	56 KB
MAC address table	4 K	4 K	4 K	4 K	4 K	2 K	1 K
Rackmount	✓	✓	✓	✓	✓	-	-
Power adapter	Internal	Internal	Internal	Internal	Internal	External	External
Limited warranty	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*

\*See warranty policy at TRENDnet.com

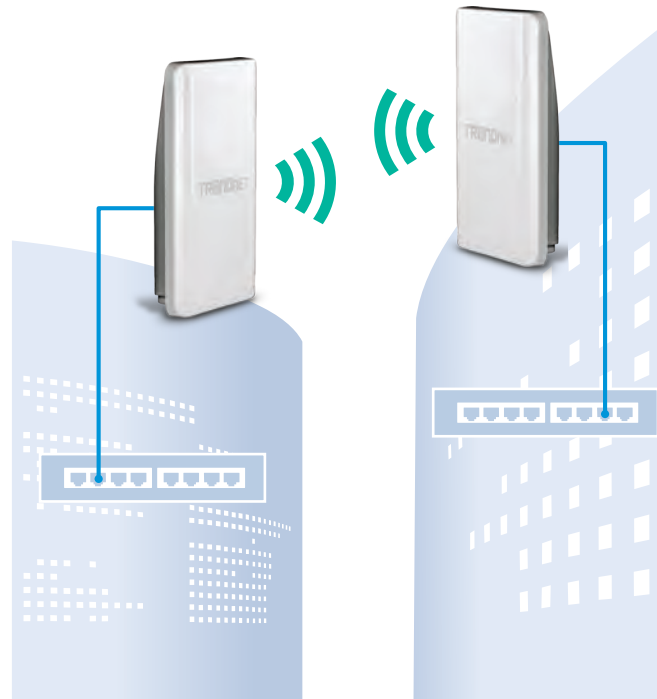
# Wireless PoE Solutions



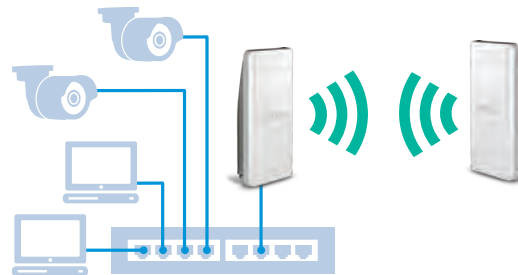
Indoor Solutions



Easily expand your network with TRENDnet's high-performance indoor PoE access points



Outdoor Solutions



Achieve building-to-building connectivity with TRENDnet's reliable outdoor access points

## Français:

Les solution Wi-Fi PoE . TRENDnet propose des solutions Wi-Fi PoE pour usage à l'intérieure et à l'extérieure. Etendez facilement votre réseau de haute performance avec des points d'accès PoE en intérieur de TRENDnet. Obtenez une connection de bâtiment à bâtiment aboslument efficace et fiable , avec les points d'accès extérieurs de TRENDnet.

## Deutsche:

Wireless PoE Lösungen. TRENDnet bietet ihnen Wireless PoE Solutions für den Einsatz im Freien, wie auch für den Ausseneinsatz. Erweitern Sie ihr Netzwerk in Gebäuden mit High-Performance Indoor PoE Access Points, und verbinden Sie Gebäude untereinander einfach mit TRENDnet Outdoor Access Points.

## Português:

Soluções Wireless PoE. A TRENDnet oferece soluções Wireless PoE para ambientes internos e externos. Permitem facilmente expandir a sua rede com pontos de acesso PoE internos TRENDnet de alto desempenho. Permitem também conseguir conectividade prédio a prédio com pontos de acesso confiáveis TRENDnet para ambientes externos.

## Español:

Soluciones PoE wireless. TRENDnet ofrece soluciones PoE wireless tanto para interiores como para exteriores. Amplie su red con facilidad con los puntos de acceso PoE, para interiores y de alto rendimiento de TRENDnet. Disfrute de una conectividad de edificio a edificio con los puntos de acceso confiables para exteriores de TRENDnet.

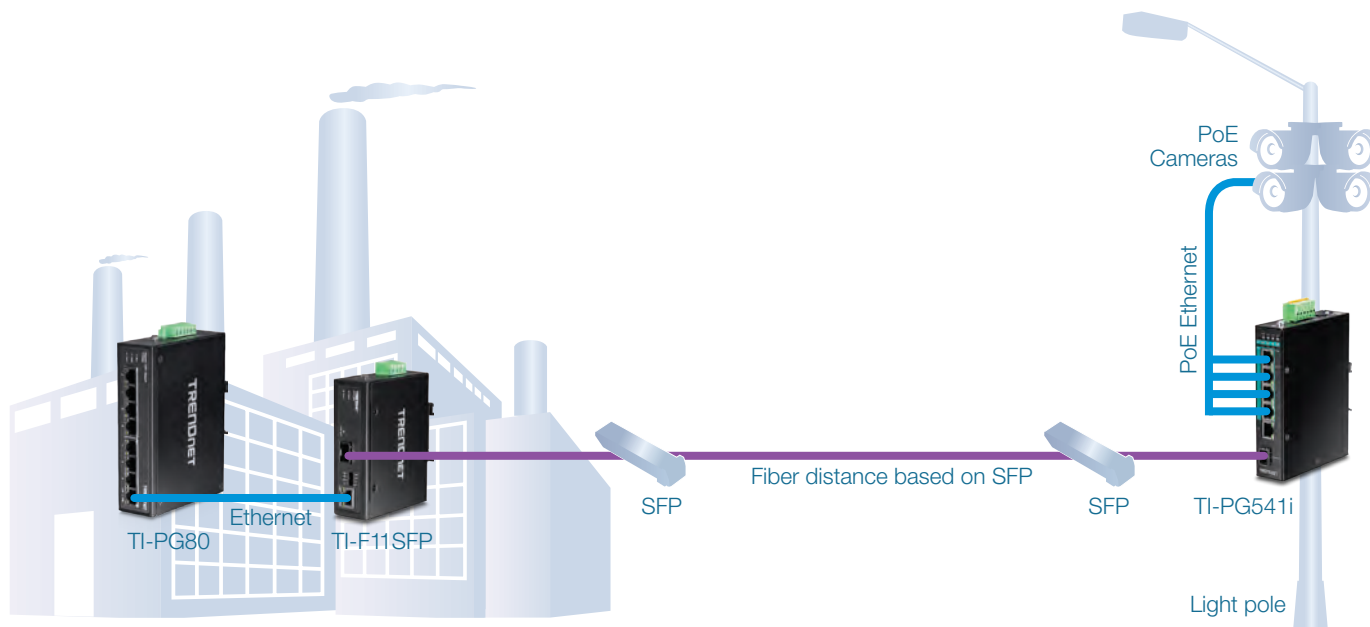
# PoE Access Points



	Outdoor					Indoor			
	TEW-739APBO	TEW-740APBO	TEW-738APBO	TEW-734APO	TEW-730APO	TEW-825DAP	TEW-821DAP	TEW-753DAP	TEW-755AP
Features	Omni-directional (antennas sold separately)	Point-to-point / CPE	Point-to-point / CPE	Point-to-point / CPE	Point-to-point / CPE	Wireless AC1750	Wireless AC1200	Wireless N600	Wireless N300
Max data rate / Wi-Fi band	300 Mbps / 2.4 GHz N	300 Mbps / 2.4 GHz N	300 Mbps / 2.4 GHz N	300 Mbps / 5 GHz N	300 Mbps / 2.4 GHz N	1300 Mbps / 5 GHz AC 450 Mbps / 2.4 GHz N	867 Mbps / 5 GHz AC 300 Mbps / 2.4 GHz N	300 Mbps / 5 GHz N 300 Mbps / 2.4 GHz N	300 Mbps / 2.4 GHz N
Ports	1 x proprietary PoE 10/100 Mbps	1 x proprietary PoE 10/100 Mbps	1 x proprietary PoE 10/100 Mbps	1 x proprietary PoE 10/100 Mbps	1 x proprietary PoE 10/100 Mbps	1 x PoE+ Gigabit	1 x PoE+ Gigabit	1 x PoE Gigabit	1 x PoE+ Gigabit
Antenna strength	2 x omni-directional sold separately (TEW-A046S, TEW-A057)	10 dBi directional	10 dBi directional	13 dBi directional	9 dBi directional	2.4 GHz: 3 x 4 dBi 5 GHz: 3 x 4 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 3 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi
WPS	-	-	-	-	-	✓	✓	✓	✓
Management software	✓	✓	✓	-	-	✓	✓	-	✓
Wireless Distribution System (WDS)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Repeater mode	✓	✓	✓	✓	✓	✓	✓	✓	✓
Client mode	AP Client, CPE	AP Client, CPE	AP Client, CPE	AP Client, CPE	AP Client, CPE	AP Client	AP Client	AP Client	AP Client
Additional SSIDs	8	8	8	8	8	16 (8 per band)	16 (8 per band)	16 (8 per band)	8
Max. encryption	WPA2	WPA2	WPA2	WPA2	WPA2	WPA2	WPA2	WPA2	WPA2
Mounting hardware	✓	✓	✓	✓	✓	✓	✓	✓	✓
Housing	IP67	IP67	IP67	IP55	IP55	Off white	Off white	Off white	Off white
Limited warranty	3 year	3 year	3 year	3 year	3 year	3 year	3 year	3 year	3 year

 Not available in Canada.

# Rugged Industrial Networking Solutions



Sample Factory Surveillance Application

TRENDnet industrial switch and fiber solutions provide dependable and hardened networking hardware for your extreme environments, including areas with severe temperatures, or heavy amounts of dust and dirt particles.



## Extreme Temperatures

IP30 rated housing for harsh temperature fluctuations



## Fiber Distance

Fiber optics support for long distance networking and latency



## Camera Applications

Ideal for use with outdoor surveillance solutions



## Sample NEMA box application

Industrial switches are often used with NEMA electrical enclosures.

NEMA boxes not available through TRENDnet

## Français:

Solides solutions industrielles de mise en réseau. Les solutions fibres et switches industriels de TRENDnet constituent un matériel fiable et renforcé de mise en réseau pour vos environnements extrêmes, y compris les zones avec des températures très élevées ou très basses ou avec de nombreuses particules de poussière. Les solutions de switches industriels disposent d'un boîtier de classe IP30/IP40 pour les importantes variations de température, une compatibilité avec la fibre optique pour une mise en réseau sur de longues distances et aussi pour éviter les temps de latence. Ces Switches industriels sont idéales pour une utilisation avec des solutions de surveillance à l'extérieur et sont souvent utilisés avec les boîtiers électriques NEMA comme indiqué sur l'image (boîtiers non fournis par TRENDnet).

## Deutsche:

Robuste industrielle Netzwerklösungen. Die industriellen Switch- und Glasfaserlösungen von TRENDnet bieten zuverlässige und gehärtete Netzwerkhardware für extreme Umgebungen, darunter auch Umgebungen mit extremen Temperaturen oder einem hohen Staub- und Dreckpartikelauflaufkommen. Die industriellen Switch-Lösungen von TRENDnet bieten Gehäuse mit Schutzklasse IP30/IP40 für starke Temperaturschwankungen, Glasfaseroptik für Networking über große Entfernungen hinweg und Latenzzeiten, und sind ideal geeignet für die Verwendung mit Outdoor-Überwachungslösungen. Industrielle Switches werden oft zusammen mit NEMA-Schaltschränken wie abgebildet verwendet (Schaltschränke nicht bei TRENDnet erhältlich).

## Português:

Soluções de rede industriais robustas. Switches industriais da TRENDnet e soluções de fibra garantem uma rede confiável e preparada para ambientes com condições adversas, inclusive em áreas com temperaturas extremas ou grandes quantidades de partículas de poeira e sujeira. As soluções de switch industrial da TRENDnet oferecem proteção com classificação IP30/IP40 para as variações climáticas e ambientais extremas, suporte de fibra ótica para redes de longa distância e latência e são ideais para uso com soluções de vigilância ao ar livre. Switches industriais são muitas vezes utilizados com o gabinete elétrico NEMA como mostrado (gabinetes NEMA não estão disponíveis através da TRENDnet).

## Español:

Soluciones de red industriales reforzadas. Las soluciones de switches industriales y fibra de TRENDnet ofrecen hardware reforzado y de confianza para entornos de alta exigencia, como zonas con temperaturas extremas o elevadas cantidades de polvo y partículas de suciedad. Los switches industriales de TRENDnet ofrecen carcasas con clasificación IP30/IP40 para temperaturas fluctuantes y extremas, compatibilidad con fibra óptica para latencia y trabajo en red a larga distancia, y son ideales para soluciones de vigilancia en exteriores. Los switches industriales suelen utilizarse con una caja eléctrica NEMA según se muestra en la imagen (TRENDnet no comercializa este producto).



# Industrial Solutions



## Industrial Gigabit Switches

	TI-PG80	TI-PG541	TI-PG62	TI-UPG62	TI-G62	TI-G80	TI-G50
Ports	8 x Gigabit PoE+	4 x Gigabit PoE+, 1 x Gigabit, 1 x SFP	5 x Gigabit, 1 x shared SFP, 1 x SFP	4 x Gigabit Ultra PoE+, 2 x SFP	5 x Gigabit, 1 x shared SFP, 1 x SFP	8 x Gigabit	5 x Gigabit
PoE budget	200 watts	120 watts	120 watts	240 watts	-	-	-
Max. power per port	30 watts	30 watts	30 watts	60 watts	-	-	-
Switching fabric	16 Gbps	12 Gbps	12 Gbps	12 Gbps	12 Gbps	16 Gbps	10 Gbps
RAM buffer	1024 KB	512 KB	1024 KB	1024 KB	1024 KB	1024 KB	1024 KB
MAC address table	8 K	8 K	1 K	1 K	2 K	8 K	8 K
Temperature	-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	IP30	IP30	IP30	IP30	IP30	IP30	IP30
Rackmount	Wall / DIN-Rail	DIN-Rail	Wall / DIN-Rail	Wall / DIN-Rail	Wall / DIN-Rail	Wall / DIN-Rail	Wall / DIN-Rail
Power supply	Power adapter required (TI-24048)	Power adapter required (48VDC3000 or TI-24048)		Power adapter required (TI-24048)		Power adapter required (TI-M6024)	
Limited warranty	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*



## Industrial Gigabit Injectors

	TI-IG60	TI-IG30
Description	Industrial Gigabit PoE Injector	Industrial Gigabit PoE+ Injector
PoE budget	60 watts	30 watts
Temperature	-40 – 75°C (-40 – 167°F)	-40 – 75°C (-40 – 167°F)
Housing	IP30	IP30
Rackmount	Wall / DIN-Rail	Wall / DIN-Rail
Power supply	Power adapter required (TI-S12048)	
Limited warranty	3 year	3 year



## Industrial Gigabit Fiber Converters

## Industrial 100 Mbps Fiber Converters

	TI-F11SFP	TI-F10S30	TI-F10SC
Fiber mode	Based on SFP	Single	Multi
Fiber converter	SFP	Duplex SC	Duplex SC
Distance	Based on SFP	30 km (18.6 mi.)	2 km (1.2 mi.)
Temperature	-40 – 75°C (-40 – 167°F)	-40 – 75°C (-40 – 167°F)	-40 – 75°C (-40 – 167°F)
Housing	IP30	IP40	IP40
Wavelength	Based on SFP	1310 nm	1310 nm
Standalone converter	✓	✓	✓
LFP	✓	✓	✓
Rackmount	Wall / DIN-Rail	Wall / DIN-Rail	Wall / DIN-Rail
Power supply	Power adapter required (TI-M6024)		
Limited warranty	3 year	3 year	3 year

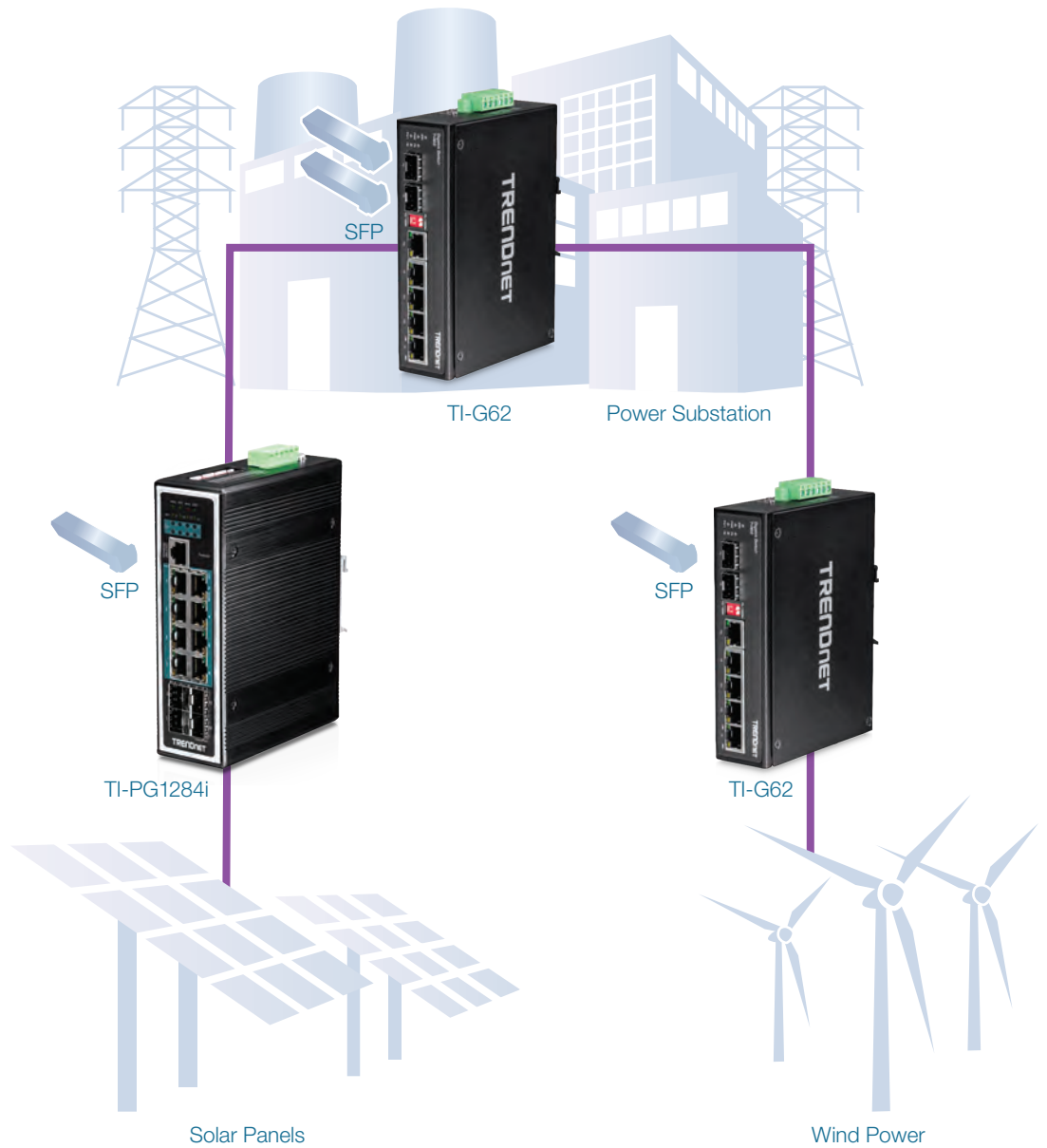
\*See warranty policy at TRENDnet.com

# Industrial Solutions



## Industrial Layer 2 Managed

	TI-PG541i	TI-PG1284i
Ports	4 x Gigabit PoE+, 1 x Gigabit, 1 x SFP	8 x Gigabit PoE+ (802.3at) ports, 4 x Gigabit SFP slots, and 1 x console port
PoE budget	120 watts	240 watts
Max. power per port	30 watts	30 watts
Switching fabric	12 Gbps	24 Gbps
RAM buffer	512 KB	128 MB
Forwarding rate	8.93 Mpps	17.86 Mpps
MAC address table	8 K	16 K
VLAN	Asymmetric, port based, 802.1Q, private, voice, dynamic GVRP	
ACL	L2, L3, L4	L2, L3, L4
IPv6	-	IPv6 static IP address, DHCPv6 client
802.1ab LLDP	✓	✓
802.1X	-	✓
Spanning tree	-	STP, RSTP, MSTP
Multicast (IGMP)	v1, v2, v3	v1, v2, v3
SNMP	v1, v2c	v1, v2c, 3
Port based link aggregation	-	✓
Limited warranty	Lifetime*	Lifetime*



Basic Outdoor Substation Application

\*See warranty policy at TRENDnet.com

# Surveillance Cameras

TRENDnet's large surveillance camera portfolio allows you to choose the solutions ideally suited for your project. Our HD cameras are designed for both indoor or outdoor use, and include complimentary professional-grade management software and free mobile apps.



## Français:

TRENDnet vous offre une large gamme de caméras de surveillance qui vous permet de choisir les solutions parfaitement adaptées à votre projet. Nos caméras HD sont conçues pour une utilisation en intérieur ou en extérieur, et comprennent des logiciels professionnels gratuits et des applications mobiles gratuites. Les caractéristiques sont très variées comme suit: PoE, Wi-Fi, zoom optique et / ou numérique, lentille avec objectif focale variable, dôme de vitesse, PTZ / dôme motorisé, 4 MP, et la vision nocturne.

## Deutsche:

Das umfangreiche IP Kamera Surveillance Sortiment von TRENDnet erlaubt es ihnen jederzeit die passende Kamera für ihr Projekt zu finden. Unsere HD Kameras eignen sich für den Einsatz im Freien und im Innenbereich. Zu den Kameras erhalten Sie eine Verwaltungssoftware mit zahlreichen Funktionen welche sich durch Upgrades bis auf Enterprise Level aufrüsten lässt. Ebenso stehen ihnen Mobile App's zur Verfügung. Unterschiedliche Features bei den Kameras wie PoE, Wireless, optischer und/oder digitaler Zoom, Variosfokus Linsen, Speed Dome, motorisierte Dome/PTZ, 4MP und Nachtsicht stehen ihnen als Auswahl zur Verfügung.

## Português:

O amplo portfólio de câmeras de vigilância da TRENDnet permite que você escolha a solução mais adequada para o seu projeto. Nossas câmeras HD foram projetadas para uso interno ou externo e incluem aplicativo móvel gratuito. Os recursos variam e incluem PoE, wireless, zoom ótico e digital, lente varifocal, speed dome, PTZ /dome motorizado, 4 MP e visão noturna.

## Español:

El amplio abanico de cámaras de vigilancia de TRENDnet le permite seleccionar las soluciones más idóneas para su proyecto. Nuestras cámaras HD están concebidas para uso tanto en exteriores como en interiores, e incluyen un software gratuito de categoría profesional y apps gratuitas para dispositivos móviles. Sus características varían de un modelo a otro y abarcan PoE, wireless, zoom óptico y/o digital, lentes varifocales, speed dome, domo con movimiento vertical, horizontal y zoom/motorizado, 4 MP y visión nocturna.

# IP Cameras



	Speed Dome			Motorized Dome	Fixed Dome				
	TV-IP430PI	TV-IP450PI	TV-IP450P	TV-IP420P	TV-IP315PI	TV-IP345PI	TV-IP311PI	TV-IP342PI	TV-IP321PI
Features	2 MP 1080p full HD mini speed dome camera with 30 m night vision and 64x zoom factor	1.3 MP HD PoE speed dome camera with 100 m night vision and 320x zoom factor	1.3 MP HD PoE+ speed dome camera with powerful low light vision and 320x zoom factor	3 MP HD PoE motorized lens dome camera	4 MP full HD resolution with 30 m night vision	4 MP full HD resolution with 20 m night vision	3 MP full HD resolution with 25 m night vision	2 MP full HD vari-focal with 15 m night vision	1.3 MP HD resolution with 25 m night vision
Connectivity	PoE+	Proprietary PoE	PoE+	PoE	PoE	PoE	PoE	PoE	PoE
Free app	Apple® / Android™								
Free software	Manage up to 32 TRENDnet cameras								
Housing	IP66	IP66	IP66	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10
Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264+, H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / FPS	1920 x 1080 @ 30 fps	1280 x 960 @ 30 fps	1280 x 960 @ 30 fps	2048 x 1536 @ 30 fps	2688 x 1520 @ 20 fps 1920 x 1080 @ 30 fps	2688 x 1520 @ 30 fps	2048 x 1536 @ 15 fps 1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1280 x 960 @ 30 fps
Image sensor	1/2.8" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Lens	2.8 – 12 mm, F 1.6 – 2.7	4.7 – 94 mm, F 1.4 – 3.5	4.7 – 94 mm, F 1.4 – 3.5	2.8 – 12 mm, F 1.6 – F2.7	4 mm, F2.0	2.8 – 12 mm, F1.4	4 mm, F 1.2	3 – 9 mm, F 1.8	4 mm, F 2.0
Viewing angle	115 – 33.8° (wide-tele)	58.3 – 3.2° (wide-tele)	58.3 – 3.2° (wide-tele)	105 – 33.5° (wide-tele)	Horizontal: 83°	102.5 – 35.6° (wide-tele)	Horizontal: 70°	127 – 36° (wide-tele)	Horizontal: 70°
Zoom	4x optical, 16x digital, auto-focus	20x optical, 16x digital, auto-focus	20x optical, 16x digital, auto-focus	4x optical, 16x digital, auto-focus	User-defined zoom window	4.2x optical, 4x digital, auto-focus	User-defined zoom window	3x optical, 4x digital	User-defined zoom window
Audio support	Two-way audio (audio line in / line out)	Two-way audio (audio line in / line out)	Two-way audio (audio line in / line out)	Two-way audio (audio line in / line out)	-	Two-way audio (audio line in / line out)	-	Two-way audio (audio line in / line out)	-
Vision	Night vision up to 30 m (100 ft.)	Night vision up to 100 m (330 ft.)	Powerful low light vision	0.01 lux	Night vision up to 30 m (100 ft.)	Night vision up to 20 m (66 ft.)	Night vision up to 25 m (82 ft.)	Night vision up to 15 m (50 ft.)	Night vision up to 25 m (82 ft.)
Pan & tilt	Endless 360° pan/tilt	Endless 360° pan/tilt	Endless 360° pan/tilt	Motorized lens: Pan 350° and tilt 90°	Fixed position: Manually pan 180° and tilt 75°	Fixed position: Manually pan 330° and tilt 60°	Fixed position: Manually pan 356° and tilt 75°	Fixed position: Manually pan 330° and tilt 60°	Fixed position: Manually pan 355° and tilt 75°
Network	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6
ONVIF	Profile G	Profile G	Profile G	Profile G	Profile G	Profile G	Profile G	Profile G	Profile G
Power consumption	20 watts max.	35 watts max.	22 watts max.	8 watts max.	5 watts max.	8.6 watts max.	5 watts max.	6.7 watts max.	7 watts max.
MicroSD slot	✓ (up to 64 GB)	✓ (up to 64 GB)	✓ (up to 64 GB)	✓ (up to 128 GB)	-	✓ (up to 64 GB)	-	✓ (up to 64 GB)	-
Operating temp.	-30 – 65°C (-22 – 149°F)	-30 – 65°C (-22 – 149°F)	-30 – 65°C (-22 – 149°F)	-30 – 65°C (-22 – 149°F)	-30 – 60°C (-22 – 140°F)	-20 – 60°C (-4 – 140°F)	-25 – 60°C (-13 – 140°F)	-20 – 50°C (-4° – 122°F)	-30 – 60°C (-22 – 140°F)
Hardware	Mounting bracket required (TV-HC400, TV-HW400, TV-HP400, or TV-HN400)			Optional: TV-WL300	Optional: TV-WS300		Optional: TV-WS300	-	Optional: TV-WS300
Limited warranty	3 year	3 year	3 year	3 year	3 year	3 year	3 year	3 year	3 year

# IP Cameras



PoE Bullet							
	TV-IP314PI	TV-IP344PI	TV-IP312PI	TV-IP310PI	TV-IP343PI	TV-IP320PI	TV-IP322WI
Features	4 MP full HD resolution with 30 m night vision	4 MP full HD resolution with 30 m night vision	3 MP full HD resolution with advanced 50 m night vision	3 MP full HD resolution with 30 m night vision	2 MP full HD vari-focal with 25 m night vision	1.3 MP HD ultra compact bullet with 30 m night vision	1.3 MP HD WiFi bullet with 30 m night vision
Connectivity	PoE	PoE	PoE	PoE	PoE	PoE	WiFi N or PoE
Free app	Apple® / Android™						
Free software	Manage up to 32 TRENDnet cameras						
Housing	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Compression	H.264+, H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / FPS	2688 x 1520 @ 20 fps 1920 x 1080 @ 30 fps	2688 x 1520 @ 30 fps	2048 x 1536 @ 20 fps 1920 x 1080 @ 30 fps	2048 x 1536 @ 15 fps 1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1280 x 960 @ 30 fps	1280 x 960 @ 30 fps
Image sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Lens	4 mm, F 2.0	2.8 – 12 mm, F1.4	4 mm, F 2.0	4 mm, F 1.2	3 – 10.5 mm, F 1.4	4 mm, F2.0	4 mm, F2.0
Viewing angle	Horizontal: 83°	Horizontal: 102.5 – 75.6°	Horizontal: 77°	Horizontal: 70°	Horizontal: 107 – 35° (wide-tele)	Horizontal: 70°	Horizontal: 71.6°
Zoom	User-defined zoom window	4.2x optical, 4x digital, auto-focus	User-defined zoom window	User-defined zoom window	3.5x optical, 4x digital	User-defined zoom window	User-defined zoom window
Audio support	-	Two-way audio (audio line in / line out)	-	-	Two-way audio (audio line in / line out)	-	-
Vision	Night vision up to 30 m (100 ft.)	Night vision up to 30 m (100 ft.)	Night vision up to 50 m (164 ft.)	Night vision up to 30 m (100 ft.)	Night vision up to 25 m (82 ft.)	Night vision up to 30 m (100 ft.)	Night vision up to 30 m (100 ft.)
Network	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6	IPv4 / IPv6
ONVIF	Profile G	Profile G	Profile G	Profile G	Profile G	Profile G	Profile G
Power consumption	5 watts max.	8.6 watts max.	9 watts max.	5 watts max.	7.7 watts max.	7 watts max.	7 watts max.
MicroSD slot	-	✓ (up to 64 GB)	-	-	✓ (up to 64 GB)	-	✓ (up to 64 GB)
Operating temp.	-25 – 60°C (-13 – 140°F)	-20 – 60°C (-4 – 140°F)	-30 – 60°C (-22 – 140°F)	-25 – 60°C (-13 – 140°F)	-20 – 50°C (-4 – 122°F)	-30 – 60°C (-22 – 140°F)	-30 – 60°C (-22 – 140°F)
Hardware	Mounting hardware included						
Limited warranty	3 year	3 year	3 year	3 year	3 year	3 year	3 year



# NVRs



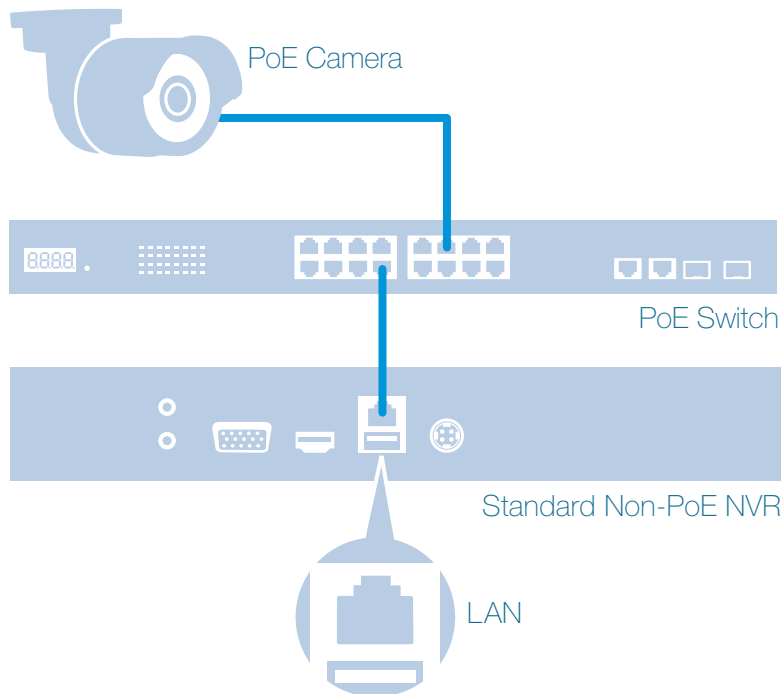
	Standalone NVRs				NVRs			Wireless NVR
	TV-NVR216	TV-NVR208	TV-NVR104	TV-NVR104K	TV-NVR2432	TV-NVR2216	TV-NVR2208	TV-NVR108W
Features	Advanced camera viewing, recording and playback							
Channels	16	8	4	4	32	16	8	8
PoE budget	200 watts	120 watts	35 watts	35 watts	-	-	-	-
Hard drive	2 x SATA I/II bay up to 6 TB each	2 x SATA I/II bay up to 6 TB each	1 x SATA I/II bay up to 4 TB	1 x SATA I/II bay up to 4 TB	4 x SATA I/II bay up to 6 TB each	2 x SATA I/II bay up to 6 TB each	2 x SATA I/II bay up to 6 TB each	1 x SATA I/II bay up to 1 TB
Video interface	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI
USB ports	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	2 x USB 2.0	2 x USB 2.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0
Recording*	Over 3 weeks of continuous 1080p recording	Over 3 weeks of continuous 1080p recording	Over 3 weeks of continuous 1080p recording	Over 3 weeks of continuous 1080p recording	Over 1 week of continuous 1080p recording	Over 2 weeks of continuous 1080p recording	Over 3 weeks of continuous 1080p recording	Over 1 week of continuous 1080p recording
Viewing modes	1 x 1, 2 x 2, 3+3, 1+5, 1+7	1 x 1, 2 x 2, 1+5, 1+7, 3 x 3	1 x 1, 2 x 2	1 x 1, 2 x 2	1 x 1, 2 x 2, 1+5, 1+7, 3 x 3, 4 x 4, 5 x 5, 32 x 1	1 x 1, 2 x 2, 1+5, 1+7, 3 x 3, 4 x 4	1 x 1, 2 x 2, 1+5, 1+7, 3 x 3	1 x 1, 2 x 2, 1+5, 1+7, 3 x 3
PTZ support	✓	✓	✓	✓	✓	✓	✓	✓
Audio support	✓	✓	✓	✓	✓	✓	✓	✓
Web GUI interface	✓	✓	✓	✓	✓	✓	✓	✓
Export file type	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Mobile app	✓	✓	✓	✓	✓	✓	✓	✓
Included HDDs	-	TV-NVR208D2 Includes 2 TB HDD	TV-NVR104D2 Includes 2 TB HDD	Includes 1 TB HDD	TV-NVR2432D4 Includes 4 TB HDD	TV-NVR2216D4 Includes 4 TB HDD	TV-NVR2208D2 Includes 2 TB HDD	-
Included camera(s)	-	-	-	2 x TV-IP320PI	-	-	-	-
Compatible cameras	Compatible with TRENDnet and other branded PoE cameras							
Rackmount	✓	✓	✓	-	✓	-	✓	-
Limited warranty	2 year	2 year	2 year	2 year	2 year	2 year	2 year	2 year

\*Based on maximum camera channels

# NVR Surveillance Systems

TRENDnet's NVR surveillance systems allow you to easily manage your surveillance network within a single interface. TRENDnet NVRs are designed to work seamlessly with TRENDnet IP cameras; mix and match to get the solution that meets your needs.

Reduce power consumption to save on energy costs by eliminating the need to run a computer at all times with high-priced camera management software. TRENDnet NVRs also allow you to easily store large amounts of footage from multiple cameras in one convenient location.



Homes



Retail stores



Office buildings



Parking lots



Small businesses



### Français:

Les systèmes de surveillance NVR de TRENDnet vous permettent de gérer simplement votre réseau de surveillance au sein d'une seule interface. Les NVR de TRENDnet sont conçus pour fonctionner de façon transparente avec les caméras IP TRENDnet ; combinez-les pour obtenir la solution qui répond à vos besoins. Réduisez la consommation d'énergie pour épargner sur vos frais d'électricité en supprimant l'obligation d'utiliser un ordinateur à tout moment avec un logiciel coûteux de gestion des caméras. Les NVR TRENDnet vous permettent également de stocker simplement de longs enregistrements effectués depuis plusieurs caméras à un seul emplacement pratique. Idéal pour votre foyer, votre commerce, vos bureaux, votre PME, votre parking, etc.

### Deutsche:

Mit dem NVR-Überwachungssystem von TRENDnet können Sie einfach Ihr Überwachungsnetzwerk innerhalb einer einzigen Schnittstelle verwalten. Die NVRs von TRENDnet wurden für die nahtlose Arbeit mit TRENDnet IP-Kameras entwickelt; stellen Sie sich die Produkte zusammen zu der Lösung, die Ihren Anforderungen gerecht wird. Reduzieren Sie den Energieverbrauch, um Stromkosten zu sparen, indem Sie den Dauerbetrieb eines Computers mit einer teuren Kameraverwaltungssoftware überflüssig machen. Mit den NVRs von TRENDnet können Sie auch einfach große Mengen an Aufzeichnungen von verschiedenen Kameras an einem praktischen Ort speichern. Zur Anwendung daheim, im Einzelhandel, im Büro, in kleinen Unternehmen, auf Parkplätzen und mehr.

### Português:

Sistemas de vigilância NVR da TRENDnet permitem que você gerencie facilmente sua rede de vigilância com uma única interface. NVRs da TRENDnet estão projetados para funcionar perfeitamente com câmeras IP TRENDnet para obter a melhor solução que atenda às suas necessidades. Reduz o consumo de energia economizando em custos eliminando a necessidade de ter um computador executando o software de gerenciamento de câmera. NVRs da TRENDnet permitem também que você armazene grandes quantidades de imagens de várias câmeras em um único local. Para casas, lojas, escritórios, pequenas empresas, estacionamentos e muito mais.

### Español:

Los sistemas de vigilancia por NVR de TRENDnet le permiten administrar con facilidad su red de vigilancia desde una sola interfaz. Las NVR de TRENDnet están concebidas para funcionar de manera óptima con las cámaras IP de TRENDnet; combínelas a su discreción para generar la solución que más se adapte a sus necesidades. Reduzca el consumo y ahorre gastos evitando tener una computadora encendida en todo momento y prescindiendo de un software de administración de cámaras de alto costo. Las NVR de TRENDnet también le permiten almacenar con facilidad grandes cantidades de contenidos grabados por múltiples cámaras en una cómoda ubicación. Para viviendas, establecimientos de venta, edificios de oficinas, pequeñas empresas y estacionamientos, entre otros.



# Ultra-Fast 10G Networking

TRENDnet's 10G switches and SFP+ solutions are suited for edge layer switching and a wide-array of other SMB applications, including large scale surveillance networks and camera installations.



Fiber support for long-distance applications



Advanced Web Smart managed features



Easy-to-use management interface



Full-duplex networking at 10G speeds

## Français:

Mise en réseau 10G ultra rapide. Les switches 10G et les solutions SFP+ de TRENDnet conviennent à la commutation de la couche marginale et à une vaste gamme d'autres applications pour les PME, y compris les grands réseaux de surveillance et les installations de caméras. Nos switches 10G sont compatibles fibre pour des applications longues distances et offrent des fonctions de gestion web smart de pointe, une interface de gestion simple d'utilisation et une mise en réseau full duplex à des débits 10G.

## Deutsche:

Ultra-schnelles 10G Networking. Die 10G Switche und SFP+ Lösungen von TRENDnet sind geeignet für Edge Layer Switching und ein breites Spektrum an anderen SMB Anwendungen wie zum Beispiel Großüberwachungsnetzwerke und Kamerainstallationen. Unsere 10G Switche bieten Fiber-Unterstützung für Langstrecken Anwendungen, fortschrittliche Web Smart Verwaltungsfunktionen, eine einfach zu verwendende Verwaltungsschnittstelle und 10G Vollduplex-Netzwerkgeschwindigkeiten.

## Português:

Rede 10G de alta velocidade. Switches 10G TRENDnet e módulos SFP+ são adequados para soluções de borda além de uma ampla gama de outras aplicações SMB, incluindo redes de vigilância em larga escala e instalações de câmera. Nossos switches 10G fornecem portas de fibra para aplicações de longa distância, web smart com recursos avançados de gerenciamento, interface de gerenciamento fácil de usar e redes full-duplex com velocidades de 10G.

## Español:

Red 10G ultrarrápida. Los switches 10G y SFP+ de TRENDnet son ideales para conmutación en capa de extremo y una amplia variedad de aplicaciones para PyMES, entre ellas las redes de vigilancia de gran escala e instalaciones de cámaras. Nuestros switches 10G ofrecen soporte de fibra para aplicaciones de larga distancia, funciones avanzadas administradas por web smart, una interfaz de administración fácil de usar y trabajo en red full-duplex a velocidades 10G.

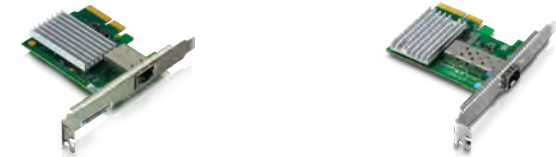
# 10G Networking

See more PoE Managed Switches on pg 5



## 10G Web Smart Switches

	TEG-30284	TEG-40128
Ports	24 x Gigabit, 4 x 10G SFP+	8 x 10G BASE-T, 2 x 10G SFP+, 2 x 10G BASE-T/10G SFP+
Switching fabric	128 Gbps	240 Gbps
RAM buffer	1.5 MB	2 MB
Forwarding rate (64-byte packet size)	95.2 Mpps	178.56 Mpps
MAC address table	16 K	16 K
VLAN	Asymmetric, Port based, 802.1Q, Private, Voice	
ACL	L2, L3, L4	L2, L3, L4
IPv6	✓	✓
DoS prevention	✓	✓
802.1ab LLDP	✓	✓
802.1X	✓	✓
Dynamic GVRP	✓	✓
802.3ad	✓	✓
RMON	✓	✓
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
Port based link aggregation	✓	✓
Jumbo frame support	10 KB	10 KB
Fan	Smart fans	Smart fans
Rackmount	✓	✓
Limited warranty	Lifetime*	Lifetime*



## 10G Network Adapters

	TEG-10GECTX	TEG-10GECSFP
Ports	1 x 10G BASE-T	1 x 10G SFP+
Speed	10/5/2.5/1 Gbps, 100 Mbps	10 Gbps
Features	Includes standard and low-profile brackets	
Form connector	PCIe 2.0 x 4	PCIe 2.0 x 4
802.1Q VLAN	✓	✓
Jumbo frames support	16KB	16 KB
OS compatibility	Windows®, Mac®, Linux®, VMware®, and Hyper-V®	
Limited warranty	3 year	3 year



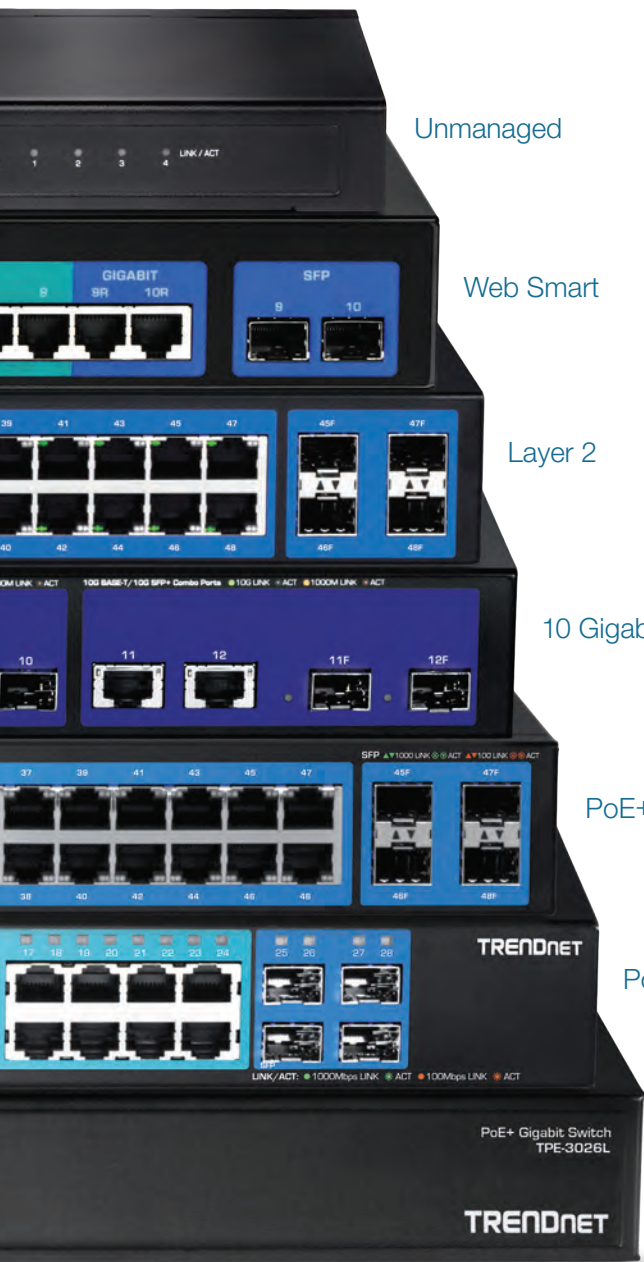
## 10G SFP Modules

	TEG-10GBS10	TEG-10GBS40	TEG-10GBSR
Date rate	10 Gigabit	10 Gigabit	10 Gigabit
Fiber mode	Single	Single	Multi
Distance	10 km (6.2 mi.)	40 km (24.9 mi.)	550 m (1804 ft.)
Digital Diagnostics Monitoring (DDM) support	✓	✓	✓
Wavelength	1310 nm	1550 nm	850 nm
Limited warranty	3 year	3 year	3 year

\*See warranty policy at TRENDnet.com



# Reliable Network Switches



Unmanaged

Web Smart

Layer 2

10 Gigabit

PoE+

PoE

AV  
(Learn more about AV switches on page 8)



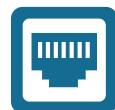
## Managed vs Unmanaged

Managed switches feature managed controls such as VLAN support, PoE controls, traffic analysis, and Multicast support. Unmanaged switches increase port density only.



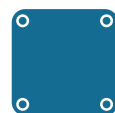
## PoE/PoE+ vs Non-PoE

PoE delivers both power and data via Ethernet cables. PoE delivers up to 15.4 watts of power per port; PoE+ delivers up to 30 watts.



## Gigabit vs 10/100

Gigabit switches have better scalability; 10/100 switches are more economical.



## Metal vs Plastic

Metal switches are more durable, but plastic switches are a cost-effective solution.

## Français:

Switches réseaux fiables. Les switches gérés offrent des commandes de gestion comme le support VLAN, l'analyse du trafic et la compatibilité avec la multidiffusion. Les switches non gérés augmentent uniquement la densité du port. Le PoE fournit à la fois l'alimentation et les données via les câbles Ethernet. Le PoE fournit jusqu'à 15,4 watts d'alimentation par port ; le PoE+ offre jusqu'à 30 watts. Les switches Gigabit disposent d'une meilleure flexibilité ; les switches 10/20 sont plus économiques. Les switches métalliques sont plus résistants mais les switches en plastique représentent une solution plus économique. TRENDnet propose un large éventail de switches, switches non gérés, web smart, switches de couche 2, 10G, PoE/PoE+, AV et industriels.

## Deutsche:

Zuverlässige Netzwerk-Switche. Verwaltete Switche verfügen über verwaltete Kontrollen wie zum Beispiel VLAN-Unterstützung, PoE-Kontrollen, Verkehrsanalysen und Multicast-Unterstützung. Unverwaltete Switche erhöhen nur die Anschlussdichte. PoE liefert sowohl Strom als auch Daten über Ethernet-Kabel. PoE liefert bis zu 15,4 Watt Strom je Port; PoE+ liefert bis zu 30 Watt. Gigabit-Switche sind besser skalierbar; 10/100 Switche sind sparsamer. Metall-Switche sind haltbarer, aber Kunststoff-Switche sind eine kostengünstigere Lösung. TRENDnet verfügt über ein umfangreiches Switch-Portfolio, darunter unverwaltete Switche, Web Smart, Layer 2, 10G, PoE/PoE+, AV und industrielle Switche.

## Português:

Switches altamente confiáveis. Switches gerenciáveis com recursos de controles como, suporte à VLAN, PoE, análise de tráfego e suporte à Multicast. Switches não gerenciáveis aumentam a quantidade de portas somente. PoE fornece energia e dados através de cabos Ethernet. PoE fornece até 15,4 watts de potência por porta e PoE+ fornece até 30 watts. Switches Gigabit tem maior escalabilidade, enquanto os switches 10/100 são mais econômicos. Switches de metal são mais duráveis, mas switches de plástico são uma solução de custo eficaz. A TRENDnet tem um amplo portfólio de switches incluindo não gerenciáveis, web smart, camada 2, 10G, PoE/PoE+, AV e industriais.

## Español:

Switchs de red de confianza. Los switches administrados ofrecen controles administrados como compatibilidad con VLAN, controles PoE, análisis de tráfico y soporte de multidifusión. Los switches no administrados únicamente aumentan la densidad de puertos. Las soluciones PoE transmiten corriente y datos a través de cables Ethernet. En el caso de PoE, se suministran hasta 15.4 vatios de alimentación PoE por puerto, y 30 vatios en el caso de PoE+. Los switches Gigabit ofrecen una mayor escalabilidad; los switches 10/100 son más económicos. Los switches de metal son más duraderos, pero los de plástico son una solución con una conveniente relación calidad/precio. TRENDnet cuenta con un amplio abanico de switches, como los no administrados, web smart, de capa 2, 10G, PoE/PoE+, AV e industriales.



Industrial  
(Learn more about industrial solutions on page 12)

# Managed Switches

See more PoE Managed Switches on pg 7



	Layer 2 Managed		Web Smart				
	TL2-G448	TL2-G244	TEG-448WS	TEG-240WS	TEG-160WS	TEG-2248WS	TEG-424WS
Ports	48 x Gigabit, 4 x SFP, console port	24 x Gigabit, 4 x SFP, console port	48 x Gigabit, 4 x SFP	24 x Gigabit, 4 x SFP	16 x Gigabit, 2 x SFP	48 x 10/100 Mbps, 4 x Gigabit, 2 x SFP	24 x 10/100 Mbps, 4 x Gigabit, 2 x SFP
Switching fabric	96 Gbps	48 Gbps	96 Gbps	48 Gbps	32 Gbps	17.6 Gbps	12.8 Gbps
RAM buffer	1 MB	1 MB	1 MB	1 MB	1 MB	1.5 MB	512 KB
Forwarding rate (64-byte packet size)	71.4 Mpps	35.7 Mpps	71.4 Mpps	35.7 Mpps	23.8 Mpps	13.1 Mpps	9.5 Mpps
MAC address table	16 K	16 K	16 K	16 K	16 K	16 K	8 K
VLAN	Asymmetric, Port based, 802.1Q, Private, Voice						
ACL	L2, L3, L4	L2, L3, L4	L2, L3, L4	L2, L3, L4	L2, L3, L4	L2, L3, L4	L2, L3, L4
IPv6	✓	✓	✓	✓	✓	✓	✓
DoS prevention	✓	✓	✓	✓	✓	✓	✓
802.1ab LLDP	✓	✓	✓	✓	✓	✓	✓
802.1X	✓	✓	✓	✓	✓	✓	✓
Dynamic GVRP	✓	✓	✓	✓	✓	✓	✓
802.3ad	✓	✓	✓	✓	✓	✓	✓
RMON	✓	✓	✓	✓	✓	✓	✓
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
Multicast (IGMP)	v1, v2, v3	v1, v2, v3	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	v1, v2c, v3	v1, v2c, v3
Port based link aggregation	✓	✓	✓	✓	✓	✓	✓
Jumbo frame support	10 KB	10 KB	10 KB	10 KB	10 KB	-	-
Fan	Smart fans	Fanless	Smart fans	Fanless	Fanless	Fanless	Fanless
Rackmount	✓	✓	✓	✓	✓	✓	✓
Limited warranty	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*

\*See warranty policy at TRENDnet.com

# Unmanaged Switches

See more Unmanaged PoE Switches on pg 9



	Gigabit Unmanaged Metal								Gigabit Unmanaged Plastic			
	TEG-S51SFP	TEG-S24g	TEG-S24Dg	TEG-S16g	TEG-S16Dg	TEG-S82g	TEG-S80g	TEG-S50g	TEG-S24D	TEG-S16D	TEG-S81g	TEG-S5g
Ports	4 x Gigabit, 1 x SFP	24 x Gigabit	24 x Gigabit	16 x Gigabit	16 x Gigabit	8 x Gigabit	8 x Gigabit	5 x Gigabit	24 x Gigabit	16 x Gigabit	8 x Gigabit	5 x Gigabit
Switching fabric	10 Gbps	48 Gbps	48 Gbps	32 Gbps	32 Gbps	16 Gbps	16 Gbps	10 Gbps	48 Gbps	32 Gbps	16 Gbps	10 Gbps
RAM buffer	128 KB	512 KB	512 KB	256 KB	256 KB	256 KB	256 KB	128 KB	512 KB	256 KB	256 KB	128 KB
MAC address table	2 K	8 K	8 K	8 K	8 K	8 K	8 K	2 K	8 K	8 K	8 K	2 K
Jumbo frames	9 KB	10 KB	10 KB	9 KB	9 KB	9 KB	9 KB	9 KB	9 KB	9 KB	9 KB	9 KB
GREENnet	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Internal power	-	✓	✓	✓	✓	-	-	-	-	-	-	-
Rackmount	-	✓	-	✓	-	-	-	-	-	-	-	-
Limited warranty	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	Lifetime*	3 year	3 year	3 year	3 year



	10/100 Unmanaged Metal				10/100 Unmanaged Plastic		
	TE100-S24g	TE100-S16g	TE100-S16Eg	TE100-S50g	TE100-S16Dg	TE100-S8	TE100-S5
Ports	24 x 10/100 Mbps	16 x 10/100 Mbps	16 x 10/100 Mbps	5 x 10/100 Mbps	16 x 10/100 Mbps	8 x 10/100 Mbps	5 x 10/100 Mbps
Switching fabric	4.8 Gbps	3.2 Gbps	3.2 Gbps	1 Gbps	3.2 Gbps	1.6 Gbps	1 Gbps
RAM buffer	160 KB	160 KB	160 KB	48 KB	156 KB	56 KB	56 KB
MAC address table	8 K	8 K	8 K	1 K	4 K	1 K	1 K
GREENnet	✓	✓	✓	✓	✓	✓	✓
Internal power	✓	✓	-	-	-	-	-
Rackmount	✓	✓	-	-	-	-	-
Limited warranty	Lifetime*	Lifetime*	Lifetime*	Lifetime*	3 year	3 year	3 year

\*See warranty policy at TRENDnet.com

# Gigabit Fiber



	WDM						Intelligent Gigabit Fiber Converters					
	TFC-1000S60D5	TFC-1000S60D3	TFC-1000S40D5	TFC-1000S40D3	TFC-1000S10D5	TFC-1000S10D3	TFC-1000S70	TFC-1000S50	TFC-1000S20	TFC-1000MSC	TFC-1000MGB	TFC-1000MGA
Fiber mode	Single	Single	Single	Single	Single	Single	Single	Single	Single	Multi	Single / Multi	Single / Multi
Fiber connector	Simplex SC	Simplex SC	Simplex SC	Simplex SC	Simplex SC	Simplex SC	Duplex SC	Duplex SC	Duplex SC	Duplex SC	SFP	SFP
Distance	60 km (37.3 mi.)	60 km (37.3 mi.)	40 km (24.9 mi.)	40 km (24.9 mi.)	10 km (6.2 mi.)	10 km (6.2 mi.)	70 km (43.5 mi.)	50 km (31 mi.)	20 km (12.4 mi.)	550 m (1800 ft.)	Based on SFP	Based on SFP
SNMP support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wavelength	TX: 1550 nm RX: 1310 nm	TX: 1310 nm RX: 1550 nm	TX: 1550 nm RX: 1310 nm	TX: 1310 nm RX: 1550 nm	TX: 1550 nm RX: 1310 nm	TX: 1310 nm RX: 1550 nm	1550 nm	1550 nm	1310 nm	TX: 1310 nm RX: 1550 nm	Based on SFP	Based on SFP
Compatible with TFC-1600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stand alone converter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LLR DIP switch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Duplex DIP switch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Limited 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



SFP Modules



Fiber Chassis

SFP Modules

TFC-1600

Features	TRENDnet offers an extensive selection of ANSI Fiber Channel Compliant modules for networking distances of up to 80 km (49.7 mi.). Visit <a href="http://trendnet.com">trendnet.com</a> to review specific models.	TRENDnet's 16-Bay Fiber Chassis System, model TFC-1600, provides housing for up to 16 TFC series media converters. Add a redundant power supplies (TFC-1600RP/R48) to ensure zero downtime and the TFC-1600MM for port based SNMP reporting.
Limited warranty	3 year	3 year

# 10/100 Fiber



	WDM				Intelligent 100 Mbps Fiber Converters		
	TFC-110S40D5i	TFC-110S40D3i	TFC-110S20D5i	TFC-110S20D3i	TFC-110S60i	TFC-110S30i	TFC-110S15i
Fiber mode	Single	Single	Single	Single	Single	Single	Single
Fiber connector	Simplex SC	Simplex SC	Simplex SC	Simplex SC	Duplex SC	Duplex SC	Duplex SC
Distance	40 km (24.9 mi.)	40 km (24.9 mi.)	20 km (12.4 mi.)	20 km (12.4 mi.)	60 km (37.3 mi.)	30 km (18.6 mi.)	15 km (9.3 mi.)
SNMP support	✓	✓	✓	✓	✓	✓	✓
Wavelength	TX: 1550 nm RX: 1310 nm	TX: 1310 nm RX: 1550 nm	TX: 1550 nm RX: 1310 nm	TX: 1310 nm RX: 1550 nm	1310 nm	1310 nm	1310 nm
Compatible with TFC-1600	✓	✓	✓	✓	✓	✓	✓
Stand alone converter	✓	✓	✓	✓	✓	✓	✓
LLR DIP switch	✓	✓	✓	✓	✓	✓	✓
LLCF	✓	✓	✓	✓	✓	✓	✓
Duplex DIP switch	✓	✓	✓	✓	✓	✓	✓
Limited warranty	3 year	3 year	3 year	3 year	3 year	3 year	3 year

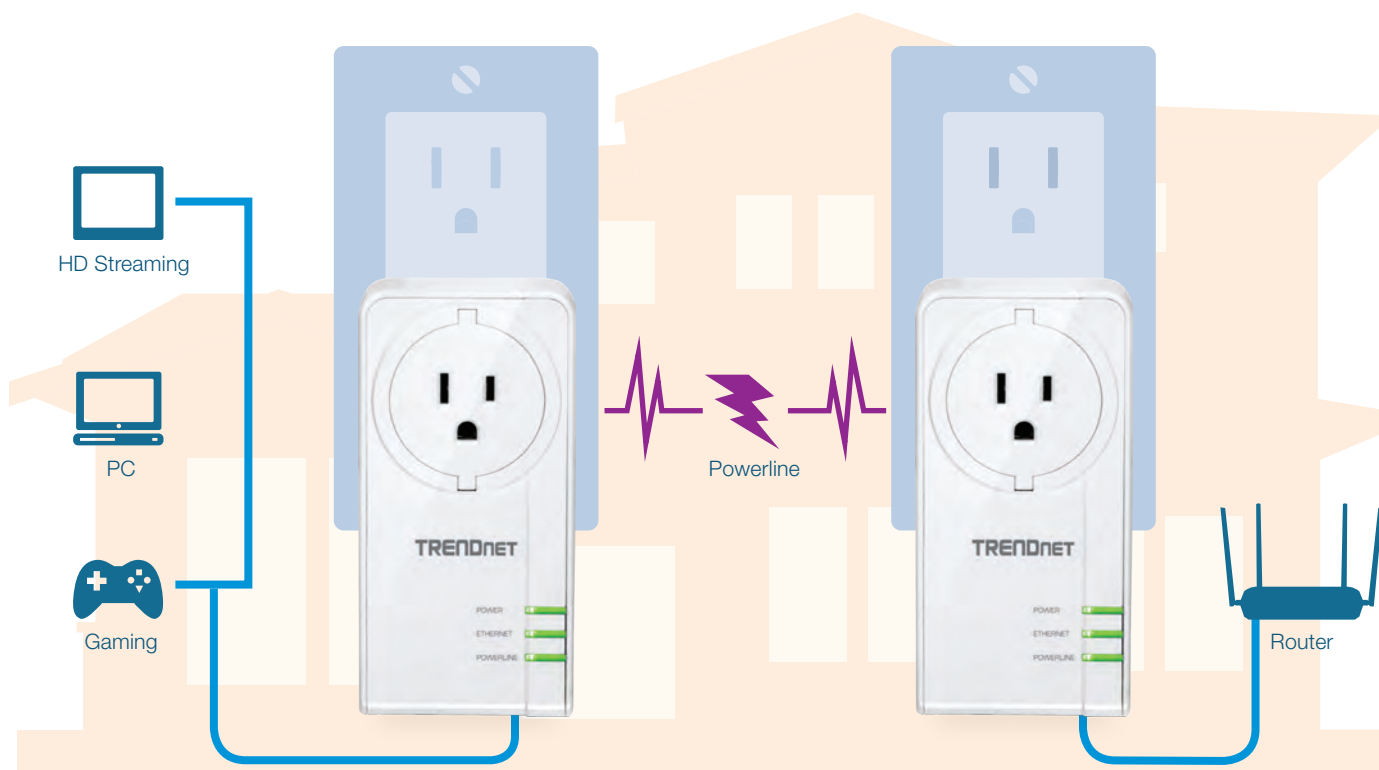


	100 Mbps Fiber Converters						
	TFC-15MS100	TFC-110S60	TFC-110S30	TFC-110S15	TFC-110MST	TFC-110MSC	TFC-110MM
Fiber mode	Multi to Single	Single	Single	Single	Multi	Multi	Multi
Fiber connector	Duplex SC	Duplex SC	Duplex SC	Duplex SC	Duplex ST	Duplex SC	Duplex MT-RJ
Distance	15 km (9.3 mi.)	60 Km (37.3 mi.)	30 km (18.6 mi.)	15 km (9.3 mi.)	2 km (1.2 mi.)	2 km (1.2 mi.)	2 km (1.2 mi.)
Wavelength	1310 nm	1310 nm	1310 nm	1310 nm	1300 nm	1300 nm	1300 nm
Compatible with TFC-1600	✓	✓	✓	✓	✓	✓	✓
Stand alone converter	✓	✓	✓	✓	✓	✓	✓
Duplex DIP switch	-	✓	✓	✓	✓	✓	✓
Limited warranty	3 year	3 year	3 year	3 year	3 year	3 year	3 year



# Powerline

## Networking over electrical lines



Connect one TRENDnet Powerline adapter to a router, and plug another Powerline adapter to your desired wall outlet to create or expand a high-performance wired network. Use up to 8 TRENDnet Powerline adapters together.

Powerline adapters use existing electrical wiring in your home or business to create or expand your network. TRENDnet Powerline adapters are also a cost-effective solution to extend your network without needing additional cabling. These adapters are especially useful for brick and stone buildings where Wi-Fi signals have difficulty passing through the walls.

### Français:

Les adaptateurs CPL utilisent le câblage électrique existant chez vous ou dans votre entreprise pour créer ou étendre votre réseau. Les adaptateurs CPL TRENDnet représentent aussi une solution économique afin d'étendre votre réseau sans ajout de câblage supplémentaire. Ces adaptateurs sont particulièrement utiles pour les bâtiments en briques et en pierre où les signaux WiFi passent difficilement à travers les murs. Connectez un adaptateur TRENDnet à un routeur et branchez un autre adaptateur à la prise de courant de votre choix pour créer ou étendre un réseau filaire de haute performance. Utilisez conjointement jusqu'à 8 adaptateurs CPL TRENDnet.

### Deutsche:

Powerline-Adapter nutzen die bestehenden Stromkabel in Ihrem Haus oder Geschäft, um ein Netzwerk zu erstellen oder Ihr bestehendes Netzwerk zu erweitern. Die TRENDnet Powerline Adapter stellen ebenfalls eine kostengünstige Lösung dar, mit der Sie Ihr Netzwerk erweitern können, ohne zusätzliche Kabel zu verlegen. Diese Adapter sind besonders nützlich für Gebäude mit Steinmauern, die Wi-Fi-Signale nur schwer durchdringen können. Verbinden Sie einen TRENDnet Powerline Adapter mit einem Router und stecken Sie einen anderen Powerline-Adapter in die gewünschte Steckdose ein, um ein hochleistungsfähiges Kabelnetzwerk zu erstellen oder zu erweitern. Sie können bis zu 8 TRENDnet Powerline Adapter zusammen verwenden.

### Português:

Adaptadores Powerline usam a rede elétrica existente em sua casa ou empresa para criar ou expandir sua rede de dados. Adaptadores Powerline da TRENDnet são também uma solução de custo eficaz para estender sua rede sem a necessidade de cabos adicionais. Esses adaptadores são especialmente úteis para ambientes onde os sinais de Wi-Fi têm dificuldade em se propagar através das paredes. Ligue um adaptador Powerline da TRENDnet à um roteador e conecte outro adaptador Powerline à tomada desejada para criar ou expandir uma rede com fios de alto desempenho. Pode-se utilizar até 8 adaptadores Powerline da TRENDnet juntos.

### Español:

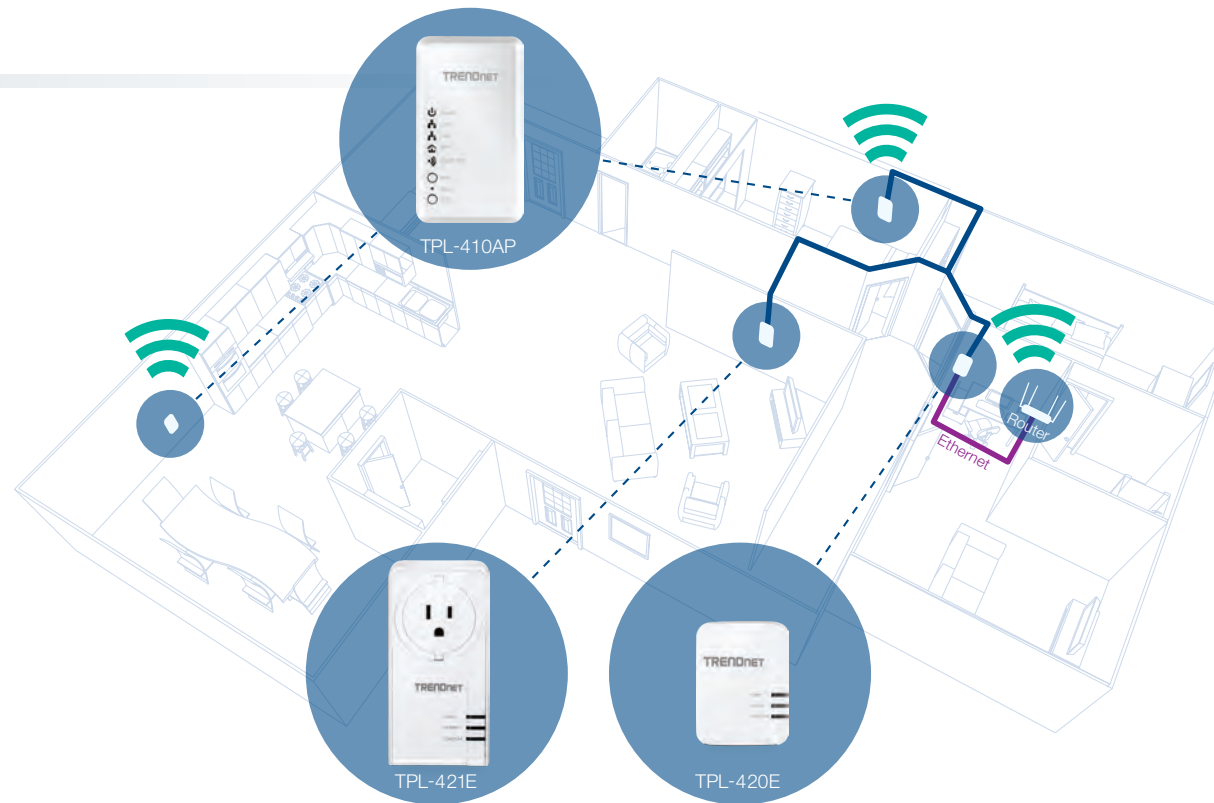
Los adaptadores Powerline utilizan el cableado existente de su vivienda o empresa para crear o ampliar su red. Además, los adaptadores Powerline de TRENDnet ofrecen una relación calidad/precio óptima para ampliar su red sin necesidad de añadir cableado. Estos adaptadores son especialmente útiles para edificios de ladrillos y piedra, donde las señales Wi-Fi atraviesan difícilmente los muros. Conecte un adaptador Powerline de TRENDnet a un router y enchufe otro adaptador Powerline al enchufe que desee para crear o ampliar una red cableada de alto rendimiento. Puede utilizar hasta 8 adaptadores Powerline de TRENDnet juntos.

# Powerline



## Powerline 1200

	TPL-421E2K	TPL-420E2K
Max speed	1200 Mbps	1200 Mbps
Specification	IEEE 1901	IEEE 1901
Port(s)	1 x Gigabit	1 x Gigabit
Powerline coverage	300 m / 984 ft. linear distance over electrical lines	
Power savings	✓	✓
Features	High performance adapters with built-in electrical outlet	High performance adapters
Limited warranty	3 year	3 year



## Powerline 500

	TPL-408E2K	TPL-410APK	TPL-410AP	TPL-407E2K	TPL-406E2K
Max speed	600 Mbps	500 Mbps	500 Mbps	500 Mbps	500 Mbps
Specification	AV2	AV	AV	AV	AV
Port(s)	1 x Gigabit	TPL-410APK: 2 x 10/100 Mbps TPL-406E: 1 x 10/100 Mbps	2 x 10/100 Mbps	1 x 10/100 Mbps	1 x 10/100 Mbps
Powerline coverage	300 m / 984 ft. linear distance over electrical lines				
Power savings	✓	✓	✓	✓	✓
Features	High performance adapters	Plug in both adapters to extend a Wireless N network	Extend your network with built-in N300 Wireless	Convenient built-in electrical outlet	Mixture of performance and value
Limited warranty	3 year	3 year	3 year	3 year	3 year

# Wireless



## Routers

## Modem Router

	TEW-828DRU	TEW-827DRU	TEW-824DRU	TEW-816DRM	TEW-731BR	TEW-723BRM
Wireless rating	AC3200	AC2600	AC1750	AC750	N300	N300
Max data rate / Wi-Fi band	1.3 Gbps / AC1 + 1.3 Gbps / AC2 + 600 Mbps / N	1.73 Gbps / AC + 800 Mbps / N	1.3 Gbps / AC + 450 Mbps / N	433 Mbps / AC + 300 Mbps / N	300 Mbps / 2.4 GHz	300 Mbps / 2.4 GHz
Ports	4 x Gigabit	4 x Gigabit	4 x Gigabit	4 x 10/100 Mbps	4 x 10/100 Mbps	4 x 10/100 Mbps
Features	Two separate 1.3 Gbps Wireless AC networks	MU-MIMO, StreamBoost™, high gain antennas	StreamBoost™ automatically prioritizes video and audio data transmissions	Combination VDSL2/ADSL2+ modem and WiFi AC750 router	Extended range with MIMO technology, 5dBi antennas	Combination ADSL2+ modem and WiFi N300 router
USB port	USB 3.0 / 2.0	2 USB 3.0	USB 2.0	2 USB 2.0	-	1 USB 2.0
Guest network	✓	✓	✓	✓	-	-
Pre-encrypted	✓	✓	✓	✓	✓	✓
Parental controls	✓	✓	✓	✓	✓	-
Limited warranty	3 year	3 year	3 year	3 year	3 year	3 year



## Extenders

## Adapters

## Access Point

	TEW-822DRE	TEW-737HRE	TEW-809UB	TEW-807ECH	TEW-638APB
Device	Extender	Extender	USB Adapter	PCIe Adapter	Access Point
Wireless rating	AC1200	N300	AC1900	AC1200	N300
Max data rate / Wi-Fi band	867 Mbps / AC + 300 Mbps / N	300 Mbps / 2.4 GHz	1.3 Gbps / AC + 600 Mbps / N	867 Mbps / AC + 300 Mbps / N	300 Mbps / 2.4 GHz
Ports	1 x Gigabit	1 x 10/100 Mbps	USB 3.0	-	1 x 10/100 Mbps
Features	Extends range of Wireless AC network	Compact housing plugs directly into an electrical outlet	High gain detachable antennas & power amplifiers extend coverage	Magnetic base with detachable antennas	Detachable antennas
OS compatibility	-	-	Windows® and Mac®	Windows®	-
Limited warranty	3 year	3 year	3 year	3 year	3 year

# Rackmount KVM



## Rackmount KVM

	TK-803R	TK-804R	TK-1603R	TK-802R
Computer connections	8	8	16	8
Monitor port	VGA	VGA	VGA	VGA
Max. resolution	2048 x 1536	2048 x 1536	2048 x 1536	1920 x 1440
Keyboard / mouse	USB / PS/2	USB / PS/2	USB / PS/2	PS/2
Features	Adjustable auto-scan and audible feedback	On screen display and stackable up to 16 KVM switches (128 PCs)	Compact 1U rack height	On screen display and stackable up to 16 KVM switches (128 PCs)
Limited warranty	2 year	2 year	2 year	2 year



## CAT5 KVM

## KVM Extenders

## Video Splitters

	TK-CAT508	TK-CAT5U	TK-CAT5P	TK-EX3	TK-EX4	TK-V201S	TK-V401S
Description	8-port CAT5 KVM switch	CAT5 USB server interface module	CAT5 PS/2 server interface module	KVM extension kit	KVM extension kit	2-port stackable video splitter	4-port stackable video splitter
Features	Manage up to 8 servers over CAT5 cables for distances up to 30 m			Eliminate the time it takes to walk to the networking room by extending KVM controls to your workstation		Clones or repeats a viewing field to up to four monitors (Doesn't extend a viewing field over multiple monitors)	
Limited warranty	2 year	2 year	2 year	2 year	2 year	2 year	2 year

# Desktop KVM



Desktop: HD Monitor + USB Keyboard/Mouse

	TK-215i	TK-214i	TK-204UK	TK-222DVK	TK-422DVK
Computer connections	2	2	2	2	4
Monitor port	HDMI	DVI	DVI	DVI	DVI
Max. resolution	1920 x 1080 full HD	1920 x 1200 full HD	1920 x 1200 (Digital) 2048 x 1536 (Analog)	2560 x 1600	2560 x 1600
Keyboard / mouse	USB	USB	USB	USB	USB
Audio support	✓	✓	✓	✓	✓
Features	Ergonomic toggle switch	Ergonomic toggle switch	Bonus 2-port USB hub	Bonus 2-port USB hub	Bonus 2-port USB hub
Cables	Integrated	Integrated	Included	Included	Included
Limited warranty	2 year	2 year	2 year	2 year	2 year



Desktop: VGA Monitor + USB Keyboard/Mouse

	TK-217i	TK-209K	TK-207K	TK-409K	TK-407K	TK-423K
Computer connections	2	2	2	4	4	4
Monitor port	VGA	VGA	VGA	VGA	VGA	VGA
Max. resolution	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536
Keyboard / mouse	USB	USB	USB	USB	USB	USB / PS/2
Audio support	-	✓	-	✓	-	✓
Features	Integrated cables	Top seller	Hot key commands	Hot key commands	Hot key commands	Hot key commands
Cables	Integrated	Included	Included	Included	Included	Included
Limited warranty	2 year	2 year	2 year	2 year	2 year	2 year



# USB

	USB-C Adapters			USB 3.0				
	TUC-VGA	TUC-HDMI	TUC-ETG	TU3-H4E	TU3-H4	TU3-ETGH3	TU3-ETG	TU3-DS2
Description	USB-C to VGA HDTV adapter	USB-C to HDMI 4K UHD display adapter	USB-C to Gigabit Ethernet	4-port USB 3.0 hub	4-port USB 3.0 hub	USB 3.0 to Gigabit adapter + USB hub	USB 3.0 to Gigabit adapter	Universal USB 3.0 docking station
Features	Converts a Windows® or Mac® computer's USB-C port into an VGA Port	Converts a Windows® or Mac® computer's USB-C port into an HDMI Port	Converts a Windows® or Mac® computer's USB-C port into an Gigabit Ethernet port	No installation required; Instantly adds four 5 Gbps SuperSpeed USB 3.0 ports to a computer	No installation required; Instantly adds four 5 Gbps SuperSpeed USB 3.0 ports to a computer	Adds a Gigabit Ethernet port and three 5 Gbps USB 3.0 ports to a Windows® or Mac® computer	Converts a Windows®, Mac®, or Linux 2.6 computer's USB 3.0 port into a Gigabit Ethernet port	Unlock laptop or ultrabook workstation efficiency with this high speed docking station
Limited warranty	2 year	2 year	2 year	2 year	2 year	2 year	2 year	2 year

	USB Hubs & Peripherals					USB Adapters & Converters				
	TU2-PCLINK	TU2-H10	TU2-700	TU2-EX12	TU2-EX5	TU2-ET100	TU2-IDSA	TU-S9	TU-P1284	TU-PS2
Description	PC-to-PC share cable	10-port USB hub	7-port USB hub	12 m USB cable	5 m USB cable	USB to Ethernet adapter	USB to hard drive converter	USB to serial converter	USB to parallel 1284 converter	USB to PS/2 converter
Features	Unlimited high-speed file sharing between Windows® computers; simply plug and go	Adds 10 USB 2.0 ports to a computer; No CD installation required, simply plug and go	Adds 7 USB 2.0 ports to a computer; No CD installation required, simply plug and go	Extends the distance between a USB device and your computer by 12 m (39 ft.)	Extends the distance between a USB device and your computer by 5 m (16 ft.)	Converts a Windows® or Mac® computer's USB port into an Ethernet port	Converts a Windows® or Mac® computer's USB port into a SATA or IDE hard drive port	Converts a Windows® or Mac® computer's USB port into a RS-232 serial port	Converts a Windows® computer's USB port into a parallel printer port	Converts a Windows® or Mac® computer's USB port into a PS/2 port
Limited warranty	2 year	2 year	2 year	2 year	2 year	3 year	2 year	2 year	2 year	2 year

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