TRENDnet®

INDUSTRIAL SOLUTIONS

RUGGED & RELIABLE NETWORKING SOLUTIONS

for INDUSTRIAL ENVIRONMENTS

◻ ENVIRONMENTS & APPLICATIONS

TRENDnet's solutions are designed to meet the unique challenges of industrial settings, delivering durability and high performance where it matters most.

Wind Turbines

Warehouses

City Surveillance

Factories / Refineries

⬚ ENVIRONMENTS & APPLICATIONS

TRENDnet's solutions are designed to meet the unique challenges of industrial settings, delivering durability and high performance where it matters most.

Rolling Stock

Solar Panel

Drones

EV Charging

TI-OS300

Outdoor 2.5 PoE++ Ethernet Surge Protector

2.5 Networking Speeds

Industrial Grade Design

TRENDNET®

Exceptional durability & protection

TRENDNET

TI-PG1284i

TRENDNET®

⛈ IP30 / IP40 / IP50 RATING

Robust protection against physical ingress

IP30: Protection against objects > 2.5mm
IP40: Protection against objects > 1mm
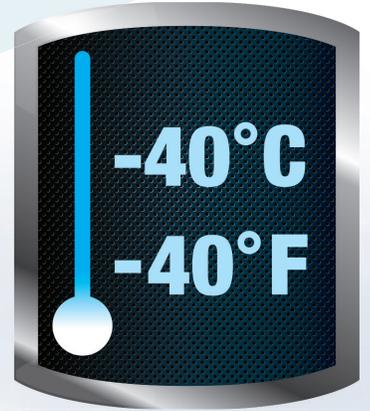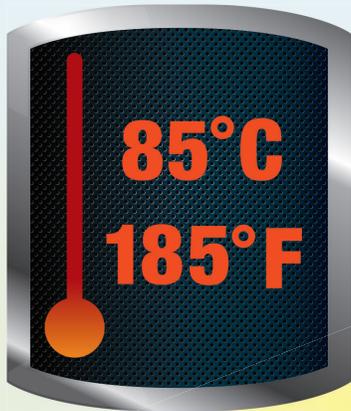IP50: Protection against dust

TRENDnet®

⛨ SURGE & ESD PROTECTION

Provides up to 6kV RJ45 Ethernet surge protection.*

*Available on select models only.

85°C
185°F

-40°C
-40°F

TRENDNET

Up to 185° F / Low as -40° F

TRENDNET®

Functions in areas with a high-degree of vibration and shock.

⚡x2 REDUNDANT POWER & 🚨ALARM RELAY

Dual power inputs provide redundant power with overload current protection.

Alarm relay* triggered by power failure of primary and / or redundant power.

*Available on select models only.

⊡ PoE / PoE+ / PoE++

Deliver both data and power over a single Ethernet cable, simplifying installation and reducing costs in rugged environments.

TRENDnet®

🖧 L2 & L2+ MANAGED

Fully configurable using the web-based management interface or CLI for management flexibility and streamlining configuration deployment to multiple switches.

• Traffic Controls

• LACP

• VLANs

• QoS

• IGMP/MLD Snooping

• Bandwidth Controls

• SNMP Monitoring

⊡ ETHERNET RING PROTECTION SWITCHING (ERPS)

ERPS is an advanced ring topology that drastically reduces recovery time compared to RSTP and STP. ERPS also prevents network loops, ensuring efficient data flow and bandwidth use.

	ERPS	RSTP	STP
Name	Ethernet Ring Protection Switching	Rapid Spanning Tree Protocol	Spanning Tree Protocol
Recovery Time	50 Milliseconds	2 Seconds	30 - 50 Seconds
Performance	Up to 95% faster than RSTP Up to 99.9% faster than STP	Up to 97% faster than STP	–

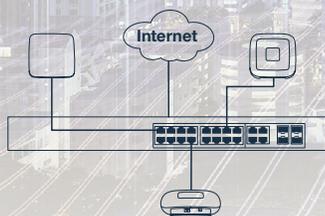**TRENDnet**®

TRENDnet ® Hive

EASY NETWORK CLOUD MANAGEMENT
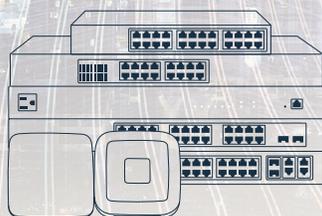
Save on costs & time.

Centralize network management & monitoring.

Remote access & more.

Internet

Cloud-Based Management

Allows users to remotely access, manage, configure, monitor, and troubleshoot network devices at different locations from a single intuitive and easy-to-use cloud-based interface.

Ease of Scalability

Add network devices without concern for additional hardware resources, such as dedicated PCs or servers. Schedule deployment of batch firmware and configuration updates from the cloud.

24/7 Availability

Service-Level Agreement (SLA) guaranteed 99.9 percent uptime and service availability alleviates the need, time, costs, and maintenance for a dedicated management server.

TRENDnet ®

Shock...

Freefall...

Vibration...

EMS...

Information technology...

TRENDnet®

⬚ YOUR ONE-STOP SOLUTION FOR DIVERSE INDUSTRIAL SWITCHES

Ports

1 - 7 Ports	8 - 15 Ports	16+ Ports

Speeds

2.5G	Gigabit	Fast Ethernet

Mounting Options

Wall Mount	DIN-Rail	Rackmount

TRENDNET®

⬚ EXPLORE OUR FULL INDUSTRIAL PRODUCT LINEUP

TI-XPG102
10-Port Industrial EN 50155 M12
Gigabit PoE+ Railway Switch

TI-M42
4-Port Industrial
Modbus Gateway

TI-CA3K
Outdoor IP68 Weatherproof
Enclosure with Power Supply

TI-WP100
Industrial AC1200 Wireless
Gigabit PoE+ Router

TI-OE110
Industrial Waterproof
Gigabit PoE+ Extender

TRENDNET®

WHY TRENDnet?

- Price-to-Performance leader

- Complimentary pre-sales and premium technical support

- Demo program available for qualified projects

- Consistent stock availability

- Free online product certification program

- Monthly sales and technical trainings

- Sold in more than 110 countries

- 35+ years of experience in the networking market

ENGINEERED FOR QUALITY, BUILT FOR
PERFORMANCE, BACKED BY SUPPORT

TRENDnet®

TRENDnet®
Networks People Trust™