

Todaair

2026 NETWORK PRODUCTS



Visit website for full details.
www.powertechna.com

Todaair Routers!

Download the app for
Setup and control



ROUTERS

TD954G2 V3.2

- Outdoor
- 4G LTE



Description

- Outdoor 4G LTE router with app/web management. IP67-rated for reliable cellular connectivity in agricultural settings, remote locations, or work sites.

TD-MRT42 V40.1



Description

- Wi-Fi 6 mesh router with speeds up to 1800 Mbps, three Gigabit ports, and cloud-based management. Plug-and-play setup for seamless home or small business coverage.

ROUTERS

TD-MRT45 V40.1

- Outdoor



Description

- Outdoor Wi-Fi 6 mesh router with dual-band speeds up to 1800 Mbps. Designed to work with TD-MRT42 V40.1 to provide mesh coverage for homes, backyards, or small businesses. IP44-rated and cloud-managed.

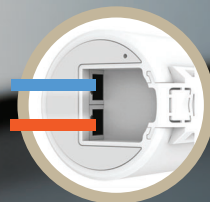
True Mesh, True Flexibility

Build your network with up to 3 mesh routers - combine TD-MRT42 V40.1 and TD-MRT45 V40.1 for effortless coverage anywhere.




PoE Power Supply Mode

PoE Power Supply Port
Wired Device Interface
*1,000 Mbit/s



Todaair Access Points!

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ACCESS POINT

TD-MRT45V40 V3.0

Outdoor



Description

- Outdoor Wi-Fi 6 access point delivering up to 1800Mbps dual-band. Designed to extend wireless coverage and enable seamless roaming with other Todaair APs.

TX26-12KY-H

Outdoor



Directional

Description

- Outdoor mid-range Wi-Fi 5 access point with 14dBi directional antenna and dual 1000 Mbps ports. Ideal for focused, long-range coverage in warehouses, campuses, outdoor venues, and open Wi-Fi zones. IP65-rated.

ACCESS POINT

INAX35Y-M-H V3.0



Description

- Indoor Wi-Fi 6 access point delivering up to 1800Mbps dual-band. PoE, cloud management, and a compact design for offices, schools, or business environments.

INAX52Y-H



Description

- Surface-mounted indoor Wi-Fi 6 access point with up to 3000Mbps dual-band speeds. Supports PoE or DC power and cloud/app management. Perfect for hotels, classrooms, or offices.

ACCESS POINT

INAX50Y-H V3.0



Description

- Ceiling-mounted, cloud-managed Wi-Fi 6 access point with dual-band speeds up to 3000 Mbps. Designed for high-density environments such as offices, schools, and retail spaces.

Seamless Roaming

Move freely - our access points deliver uninterrupted Wi-Fi as you walk across your space



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Managed Switches

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MANAGED SWITCHES

TD-SW38G24F-410GF



Description

- Enterprise managed fiber switch with 16 SFP, 8 Combo, and 4x10G SFP+ ports. Dual power, VLAN/QoS, and advanced routing for large networks.

TD-SW24G-2F V2.2



Description

- 24-Port PoE+ Switch with 52 Gbps capacity, advanced traffic control, and smart management - engineered for high-performance network environments..

MANAGED SWITCHES

TD-SW16G-2F V2.2



Description

- 16-Port PoE Switch with Smart Management, high power output, and dual SFP uplinks - ideal for scalable, medium to large networks.

TD-SW8G-2F V2.2



Description

- 8-Port Gigabit PoE+ Switch with remote management, 20 Gbps switching, and smart protection-ideal for powerful, space - efficient network setups.

MANAGED SWITCHES

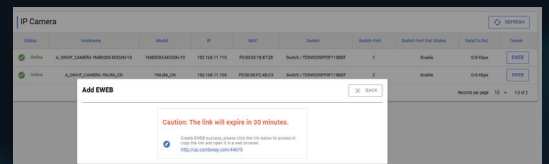
TD-SW6G V2.2



Description

- 4-port Gigabit PoE switch with dual power options - use standard AC or power the entire switch via PoE on port 6 (PD function). Smart web/app management and flexible installation for remote or hard-to-reach locations.

- Access ONVIF cameras remotely



- Power cycle PoE ports individually
- Diagnose cable faults in seconds

Port	Test Result	Description
Port 1	Normal	Normal(Correctly terminated pair)
Port 2	Normal	Normal(Correctly terminated pair)
Port 3	Disconnected	Please check whether the network cable is connected(Open pair/no link partner)
Port 4	Normal	Normal(Correctly terminated pair)
Port 5	Disconnected	Please check whether the network cable is connected(Open pair/no link partner)
Port 6	Normal	Normal(Correctly terminated pair)

- VLAN, QoS, and bandwidth control
- Cloud-managed via Todaair Gateway

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Plug and Play Switches

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PLUG AND PLAY SWITCHES

TD-SW618G-F V1.2



Description

- Industrial-grade 6-port Gigabit PoE switch with 1 SFP uplink. Supports DIN rail or desktop mounting. Includes 52V power port and DC input with redundant protection. Operates from -40°F to 140°F-ideal for harsh industrial environments.

PoE29-RX848G-2SFP



- 8-Port outdoor Gigabit PoE switch with dual SFP uplinks. Rugged and weather-resistant, ideal for industrial or outdoor deployments.

PLUG AND PLAY SWITCHES

POE29-RX548G-SFP



Description

- 8-Port outdoor Gigabit PoE switch with dual SFP uplinks. Rugged and weather-resistant, ideal for industrial or outdoor deployments.

POE-RX24G-2SFP



- 24-Port Gigabit PoE switch with 2 RJ-45 and 2 SFP uplinks, 400W PoE, AI watchdog, and VLAN mode. Ideal for large-scale networks.

PLUG AND PLAY SWITCHES

PoE-RX16G-2SFP



Description

- 16-Port Gigabit PoE+ switch with 2 RJ45 uplinks, 250W PoE output, and Smart Management. Supports VLAN isolation and surge protection. Ideal for IP cameras and VoIP setups.

PoE-RX16G-2SFP Only

Power Up to 250W

Reliable Gigabit PoE for IP Surveillance and VoIP!



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Gateways / Wireless Bridge



GATEWAYS

GW8-200 V3.0

GW8-500 V3.0



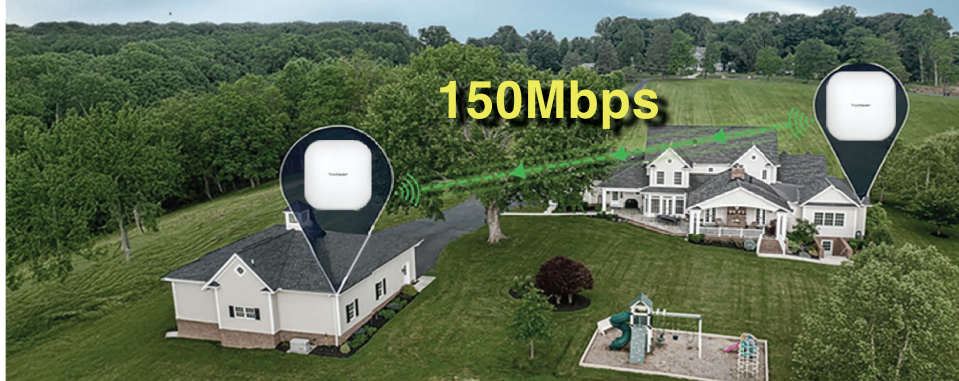
Description

- Enterprise gateway router with Gigabit Ethernet. For high-traffic business or campus networks.

- Gateway router supporting up to 500 users, Gigabit ports, cloud management. For large organizations or service providers.

Zero Setup, Instant Connection

Just dial - no computer, no settings, no hassle, Wireless bridging made effortless.



150Mbps | 1KM | 360°

Plug. Turn. Connect



Effortless wireless bridging
-no setup, no hassle!

WIRELESS BRIDGE

DIP1526H-48



Description

- Easy DIP switch setup requiring no PC or network knowledge; supports reliable point-to-point and multi-point connections.

Plug & Play Bridging

Effortless installation with easy DIP switch configuration - no technical expertise needed.



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Solar Power System

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SOLAR POWERSYSTEM

TD-SW615G-F-SOLAR



Description

- Industrial Gigabit PoE switch with 5 RJ45 and 1 SFP port, solar-ready, 30W PoE, dual power input. For remote or solar-powered sites.

TD56304T-RS



- Wireless bridge with PoE in/out, RS-485, 300Mbps, up to 3km. For remote data transmission, IP devices, and sensors.

SOLAR POWERSYSTEM

TD-M100W50A



Description

Integrated solar power system with 100W panel and 50Ah lithium battery, RS-485 interface. For off-grid monitoring, cameras, or IoT.

Solar-Powered Connectivity, Anywhere!



Todaair

Solar Series

EMPOWER CONNECTIVITY
- ANYWHERE, ANYTIME WITH

Application: Ideal for construction sites, oil fields parking lots, and agricultural monitoring.

Power Performance Monitoring

Stay informed with real-time metrics that ensure reliable and energy-efficient operation of your Todaair switches - even in demanding environments.



Power Consumption

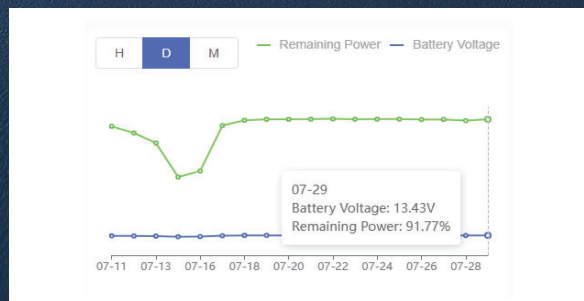
Current Usage: 9.38W



Low energy consumption ensures optimal operation in power-sensitive deployments, improving system longevity and reducing cost.

Battery Status Overview

Battery Voltage: 13.43V
Remaining Power: 91.77%



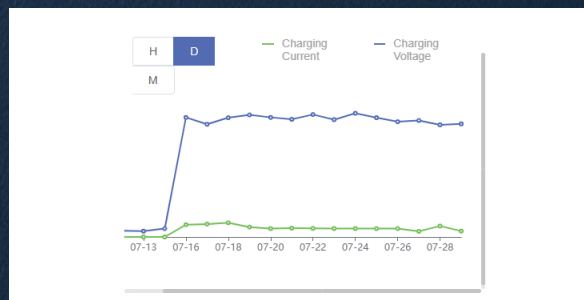
Stable power supply ensures continuous device operation. High remaining battery percentage reflects consistent performance over time.

Total Power Generation Curve



Monitors cumulative energy generation. The steady upward trend indicates a healthy and sustainable energy harvesting setup, suitable for solar-powered or remote installations.

Charging Curve



Tracks charging voltage and current over time. Stable charging behavior reflects efficient and balanced power management across the system.

"Engineered for Uptime. Powered by Intelligence"