Router / Mesh / Repeater / USB Hub / Adapter / 4G 5G / xPON / AP / Switch / PoE / Fiber

Networking
Product Guide

www.cudy.com



cudy

Shenzhen Cudy Technology Co., Ltd. is a tech-driven company in the networking & telecommunication industry, providing reliable networking solutions to consumers, small-medium enterprises, and Internet service providers. Established in the year 2018 and headquartered in Shenzhen, Cudy strives to provide worldwide users with “Cool”, “Unique”, and “Distinctive” products covering Wi-Fi routers, Mesh systems, 4G/5G routers, PoE, switches, business Wi-Fi, and outdoor/industrial networking equipment.

Create Unique Everyday

When our sharing and exchanging natures clash with the digital barriers, Cudy pledges to make high-performance yet easy-to-use communication technology to help people experience extraordinary and purposeful daily lives. This is also a motto that encourages Cudy to deliver innovation everyday.

Certified as China National **High-Tech Enterprise** 2022-2028



Passed **ISO 9001, ISO 14001, Sedex**, and **BSCI** audition

Sedex

amfori
Trade with purpose
Member of amfori, the leading global business association for open and sustainable trade.
We participate in amfori **BSCI**.

NOA ISO 9001 MANAGEMENT CERTIFICATION

NOA ISO 14001 MANAGEMENT CERTIFICATION

Wi-Fi Routers
- Wi-Fi Routers 01

Mesh and Repeaters
- Mesh Wi-Fi Systems 07
- Range Extenders 10

4G/5G Wi-Fi Routers
- 5G 14
- 4G 15
- Outdoor 16

xPON Gateways
- xPON 17

Peripherals
- Docks and Hubs 18
- USB Adapters 19
- PCI-E Adapters 21
- Chargers 23

Wireless Access Points
- AP Controllers | VPN Routers 26
- Ceiling-Mount AP 26
- Wall-Plate AP 27
- Desktop AP 27
- Outdoor AP 28
- Wireless Bridges 28

Business Networking
- Network Switches 29
- PoE Switches 32
- PoE Adapters 36
- PoE Extenders 37
- Media Converters 38
- SFP Modules 38

Industrial and Automation
- Industrial Routers 39
- Industrial Switches 40

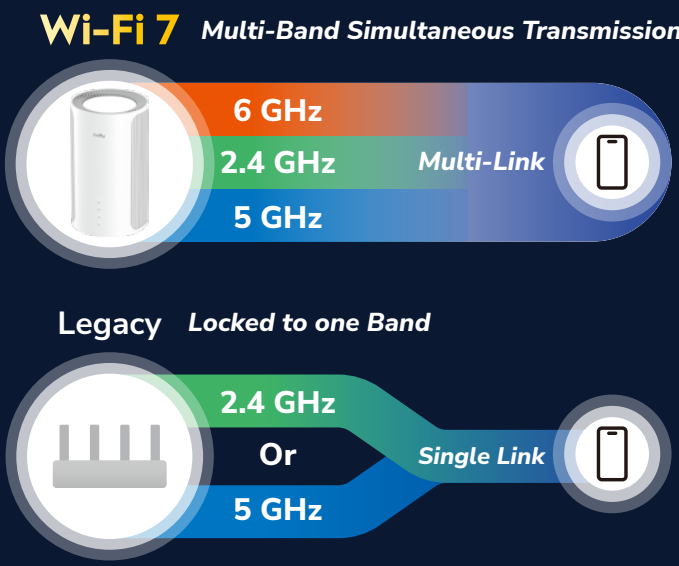
Explore
- Wi-Fi 7 01
- Cudy Software Platform 05
- Cudy App 06
- Business Networking 24

Supercharged Speed. Unrivaled Performance.

Multi-Gig Wi-Fi that even a Phone can Achieve

Wi-Fi 7, for the first time, enables one device to utilize multiple Wi-Fi bands simultaneously. This MLO feature, enhanced QAM modulation, and a broad EHT320 channel width, open the era that a client with two antennas can also achieve multi-Gig speed.

MLO	4K-QAM	320 MHz
Avg 120% ↑	**20%** ↑	**100%** ↑



Connect More, Stay Responsive

Wi-Fi 7 fractionates the congested channels into usable resources units (RU) and easily keeps the transmission at the top speed. This means you can add as many as devices you wish while keeping multiple 8K streaming smooth.

Multi-RU
solves blocked channels

Preamble Puncturing
forms RU into wide channels

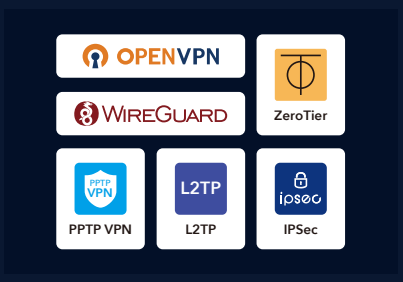




Quad-Core CPU
A powerful Wi-Fi 7 CPU provides phenomenal computing power to keep your network responsive.



10 Gbps Internet Access
Enjoy multi-Gig network and boosted productivity with one 10G SFP+ and four 2.5G RJ45 Ports.



VPN Server and Client
Six popular VPN protocols enable convenient VPN sharing and secure remote access.



M21000

BE21000 10G Tri-Band Mesh Wi-Fi 7 Router

- 1.5 GHz Quad-Core CPU
- 11.5 Gbps + 8.6 Gbps + 688 Mbps
- 1× 10G SFP+, 4× 2.5GbE
- USB-A 3.0 Port



WR11000

BE11000 2.5G Tri-Band Mesh Wi-Fi 7 Router

- 1.5 GHz Quad-Core CPU
- 5.7 Gbps + 4.3 Gbps + 688 Mbps
- 4× 2.5 Gbps Ethernet Ports



WR6500H

BE6500 2.5G Mesh Wi-Fi 7 Router

- 2 GHz Quad-Core CPU
- 5.7 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× 2.5GbE, 4× GbE



WR6500

BE6500 Gigabit Mesh Wi-Fi 7 Router

- 2 GHz Quad-Core CPU
- 5.7 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 5× Gigabit Ethernet Ports



WR3600H

BE3600 2.5G Mesh Wi-Fi 7 Router

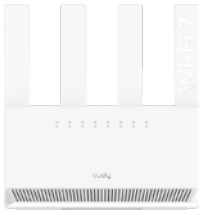
- 2 GHz Quad-Core CPU
- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× 2.5GbE, 4× GbE



WR3600

BE3600 Gigabit Mesh Wi-Fi 7 Router

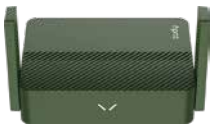
- 2 GHz Quad-Core CPU
- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 5× Gigabit Ethernet Ports



WR3600E

BE3600 Gigabit Mesh Wi-Fi 7 Router

- 2 GHz Quad-Core CPU
- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 4× Gigabit Ethernet Ports



TR3600

BE3600 2.5G Wi-Fi 7 Mini VPN Router

- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× 2.5GbE, 1× GbE
- 1× USB 3.0 for File Sharing and Tethering
- Configurable VPN Toggle

Common Software Features

Cudy App
Easy Management

Cudy Mesh
Seamless Whole-Home Coverage

For ISP
EasyMesh Firmware Optional*
TR069/TR098/TR111/TR181
ISP Preset

* Applies on specific models, contact support@cudy.com for details
* EasyMesh is optional for service provider orders.

Utilities**
VPN Server and Clients
DNS over TLS

** Available on most models

Parental Controls
URL Blacklist / Time Schedule
Client Management / Profiles

Wi-Fi Routers



WR3000H
AX3000 2.5G Mesh Wi-Fi 6 Router

- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 1× 2.5GbE, 4× GbE



WR3000P
AX3000 2.5G Mesh Wi-Fi 6 Router (PoE)

- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 1× 2.5GbE (PoE-In), 4× GbE
- 1× USB 2.0 Port for File Sharing



WR3000S
AX3000 Gigabit Mesh Wi-Fi 6 Router

- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 5× Gigabit Ethernet Ports



WR3000E
AX3000 Gigabit Mesh Wi-Fi 6 Router

- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 5× Gigabit Ethernet Ports



WR3000
AX3000 Gigabit Mesh Wi-Fi 6 Router

- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 4× Gigabit Ethernet Ports



TR3000
AX3000 2.5G Wi-Fi 6 Mini VPN Router

- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 1× 2.5GbE, 1× GbE
- 1× USB 3.0 for File Sharing and Tethering
- Configurable VPN Toggle
- Weighs 160 grams, Mini Size



WR1500
AX1500 Gigabit Mesh Wi-Fi 6 Router

- 1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 4× Gigabit Ethernet Ports



WR1300S
AC1200 Gigabit Mesh Wi-Fi Router

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 5× Gigabit Ethernet Ports
- 1× USB 3.0 for File Sharing



WR1300
AC1200 Gigabit Mesh Wi-Fi Router

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 5× Gigabit Ethernet Ports

Common Software Features

Cudy App
Easy Management

Utilities**
VPN Server and Clients
DNS over TLS

** Available on most models

Cudy Mesh
Seamless Whole-Home Coverage

Parental Controls
URL Blacklist / Time Schedule
Client Management / Profiles

For ISP
EasyMesh Firmware Optional*
TR069/TR098/TR111/TR181
ISP Preset

* Applies on specific models,
contact support@cudy.com for details
* EasyMesh is optional for service provider orders.



WR1300E

AC1200 Gigabit Mesh Wi-Fi Router

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 3× Gigabit Ethernet Ports



TR1200

AC1200 Wi-Fi Mini VPN Router

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 2× 10/100 Mbps Ethernet Ports
- 1× USB 2.0 for File Sharing and Tethering
- Configurable VPN Toggle
- Weighs 99 grams, Mini Size



WR1200

AC1200 Wi-Fi Router

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 5× 10/100 Mbps Ethernet Ports



WR1200E

AC1200 Wi-Fi Router

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 4× 10/100 Mbps Ethernet Ports



WR300S

300 Mbps Multi-Mode Wi-Fi Router

- 300 Mbps (2.4 GHz)
- 5× 10/100 Mbps Ethernet Ports



WR300

300 Mbps Multi-Mode Wi-Fi Router

- 300 Mbps (2.4 GHz)
- 4× 10/100 Mbps Ethernet Ports

Common Software Features

Cudy App
Easy Management

Utilities**
VPN Server and Clients
DNS over TLS

** Available on most models

Cudy Mesh
Seamless Whole-Home Coverage

Parental Controls
URL Blacklist / Time Schedule
Client Management / Profiles

For ISP
EasyMesh Firmware Optional*
TR069/TR098/TR111/TR181
ISP Preset

* Applies on specific models,
contact support@cudy.com for details
* EasyMesh is optional for service provider orders.

Cudy Software Platform

On all Cudy devices, Cudy engineers make sure the software experience are intuitive and consistant, by implementing the Cudy Software Platform across routers, Mesh systems, RE, 4G/5G routers.



Inclusive

Most models, including many of the entry ones, have the access to advanced features such as VPN and Cudy Mesh. For example, WR300 supports Cudy Mesh and Wireguard.

Intuitive

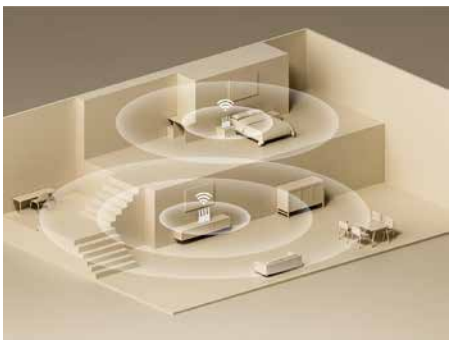
On the management page, the information panels deliver a clear view of the network status. The wizard program and Cudy App guide users through easy setup.

Parental Controls



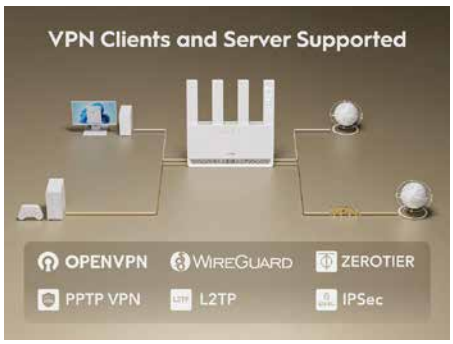
Set Wi-Fi time schedules and block inappropriate websites to protect your loved ones. You can create custom profiles to easily manage multiple devices.

Cudy Mesh



Create same-name Wi-Fi coverage throughout your home and enjoy fast roaming between Wi-Fi zones. Compatible with other Cudy Mesh routers and repeaters.

VPN Server and Clients



Share a VPN for all connected devices or host your own VPN server and enable Work-From-Anywhere, or access home files securely.

ISP Features

TR069/TR098/TR111/TR181

CWMP (CPE WAN Management) offers structured remote management for customer-premises equipment (CPE). Most Cudy gateway products support multiple protocols, including TR069/TR098/TR111/TR181.

ISP Preset

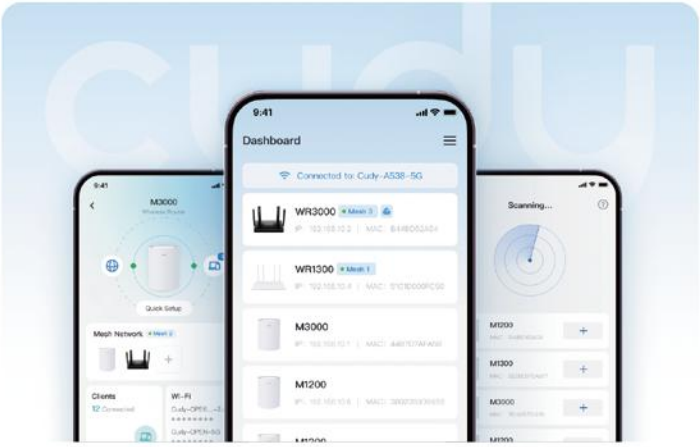
Customize default settings, such as IPTV/VLAN, and enable users to reset the device without messing up important config, saving maintenance costs.



Cudy App

Your Home Network in Your Hands

Download on the App Store | GET IT ON Google Play





Clients Management

Toggle the Guest Network, tag the clients, and manage their internet access, VPN access, speed limitation, online time, and filtering content.

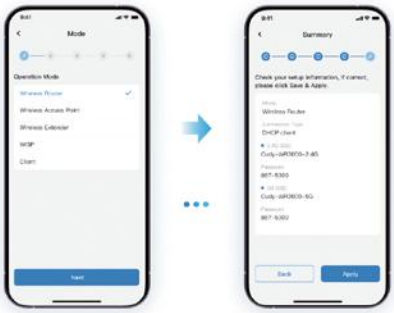
Add Devices. Streamlined

Need more Cudy Mesh devices to expand the reach of your network? Click the plus button and follow the guidance on the dashboard.



Tap Steps to Set Things Up

Cudy App allows you to tap through the setup process, easily and intuitively.



Mesh Topology

View all Cudy Mesh devices in a map and customize the backhaul routes.



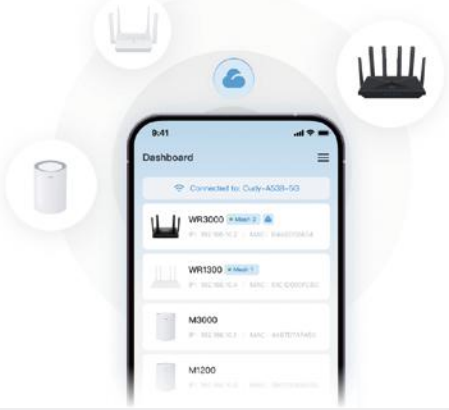


Wi-Fi Password Lookup

Forget your password? Tap to have a glance and share in QR-Code.

Control Anywhere, Anytime via Cloud

*Only available on models with Cudy App feature. Models with only Cudy App Local don't support cloud control.



LED Toggle

Turn off the LED to reduce disturbance at night.



Explore more settings



BE21000

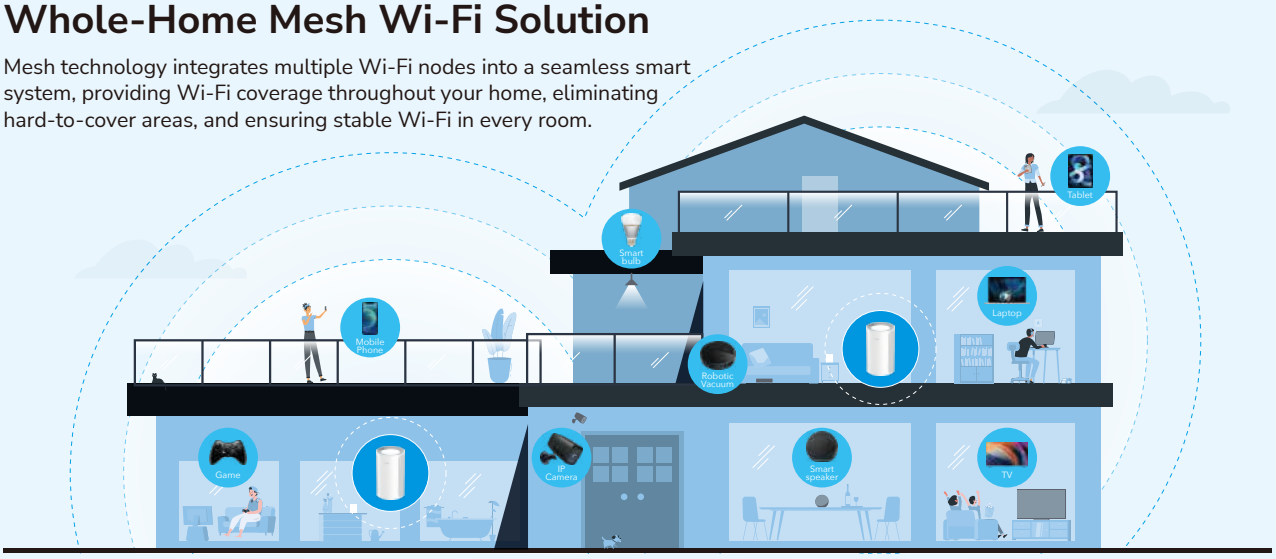
10G Mesh Wi-Fi 7 System

Model : M21000



Whole-Home Mesh Wi-Fi Solution

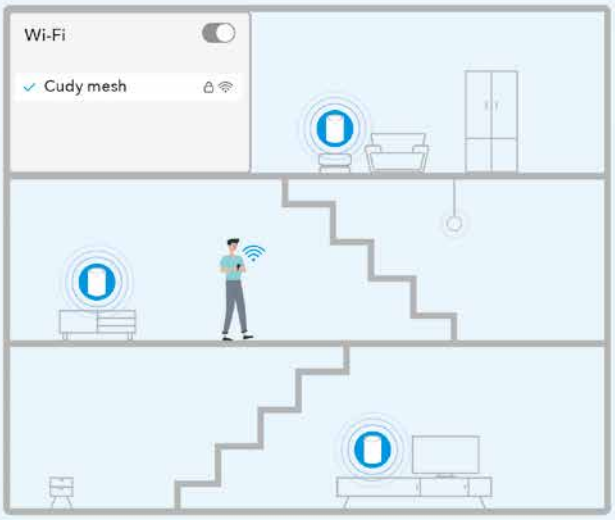
Mesh technology integrates multiple Wi-Fi nodes into a seamless smart system, providing Wi-Fi coverage throughout your home, eliminating hard-to-cover areas, and ensuring stable Wi-Fi in every room.



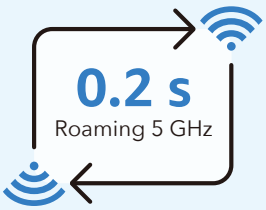
Seamless Wi-Fi throughout Your Home

Whole-home Wi-Fi keeps clients connected to the best Wi-Fi automatically, without the need for manual switching between the original Wi-Fi and the extended network.



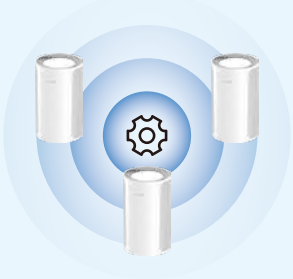


Fast Roaming



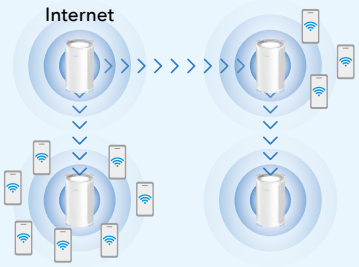
Auto switching between WiFi finishes instantly, ensuring uninterrupted calling and streaming when moving around.

Easy Management



Managing a Mesh system feels as easy as managing one device, as units sync settings automatically.

Adaptive Routing



The Mesh system automatically selects the shortest or least congested route for the optimal experience.

Mesh Systems



M21000 3-Pack / 2-Pack / 1-Pack

BE21000 10G Mesh Wi-Fi 7 System

- 1.5 GHz Quad-Core CPU
- Tri-Band Wi-Fi 7
- 11.5 Gbps + 8.6 Gbps + 688 Mbps
- High-Power External FEMs
- 1× 10G SFP+, 4× 2.5GbE
- 1× USB-A 3.0



M11000 3-Pack / 2-Pack / 1-Pack

BE11000 2.5G Mesh Wi-Fi 7 System

- 1.5 GHz Quad-Core CPU
- Tri-Band Wi-Fi 7
- 5.7 Gbps + 4.3 Gbps + 688 Mbps
- High-Power External FEMs
- 4× 2.5 Gbps Ethernet Ports



M6500 3-Pack / 2-Pack / 1-Pack

BE6500 2.5G Mesh Wi-Fi 7 System

- 2 GHz Quad-Core CPU
- Dual-Band Wi-Fi 7
- 5.7 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- External FEMs
- 1× 2.5 GbE + 3× GbE



M3600 3-Pack / 2-Pack / 1-Pack

BE3600 Mesh Wi-Fi 7 System

- 2 GHz Quad-Core CPU
- Dual-Band Wi-Fi 7
- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- External FEMs
- 3× Gigabit Ethernet Ports



M3000 3-Pack / 2-Pack / 1-Pack

AX3000 Mesh Wi-Fi 6 System

- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 5× Internal Antennas
- 1× 2.5GbE + 1× GbE



M1500 3-Pack / 2-Pack / 1-Pack

AX1500 Mesh Wi-Fi 6 System

- 1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 3× Gigabit Ethernet Ports



M1300 3-Pack / 2-Pack / 1-Pack

AC1200 Gigabit Mesh Wi-Fi System

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 2× Gigabit Ethernet Ports



M1200 3-Pack / 2-Pack / 1-Pack

AC1200 Mesh Wi-Fi System

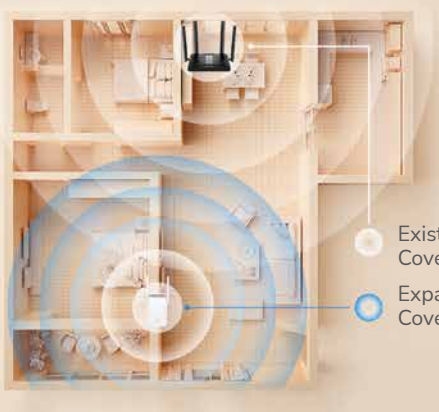
- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 2× 10/100 Mbps Ethernet Ports

BE3600 Mesh Wi-Fi 7 Extender

Model : RE3600

Wi-Fi 7





Whole-Home Mesh

WHOLE HOME MESH

Creates a seamless coverage that always connects you to the best Wi-Fi node.

Easy Setup

Press the WPS buttons and expand with the original Wi-Fi name and password.



Range Extenders



RE3600

BE3600 Mesh Wi-Fi 7 Extender

- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× Gigabit Ethernet Port
- 3-IN-1 RE/AP/Mesh Satellite
- Cudy App



RE3000

AX3000 Mesh Wi-Fi 6 Extender

- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 1× Gigabit Ethernet Port
- 3-IN-1 RE/AP/Mesh Satellite
- Cudy App



RE1500

AX1500 Mesh Wi-Fi 6 Extender

- 1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 1× Gigabit Ethernet Port
- 3-IN-1 RE/AP/Mesh Satellite
- Cudy App



RE1200

AC1200 Mesh Wi-Fi Extender

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 1× 10/100 Mbps Ethernet Port
- 3-IN-1 RE/AP/Mesh Satellite
- Cudy App



RE1200 Outdoor

AC1200 Outdoor Mesh Wi-Fi Extender

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 1× 10/100 Mbps Ethernet Port
- 3-IN-1 RE/AP/Mesh Satellite
- Passive PoE (24 V)
- Cudy App
- IP65 Water/Dustproof
- 4 KV Lightning-Protection
- -40~65 °C Ext. Ambient Temperature



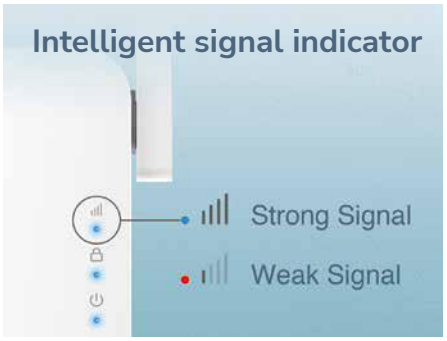
RE300

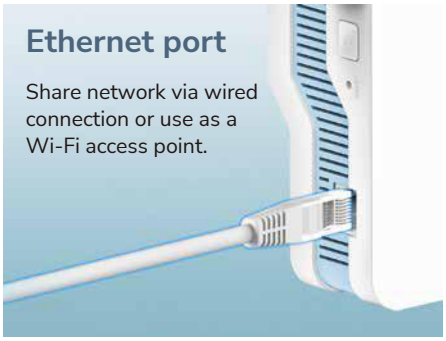
300 Mbps Mesh Wi-Fi Extender

- 300 Mbps (2.4 GHz)
- 1× 10/100 Mbps Ethernet Port
- 3-IN-1 RE/AP/Mesh Satellite
- Cudy App

Highlight Features







5G SA/NSA AX3000 Wi-Fi 6 Router

Model : P4



Stay Connected Anywhere

Connect to the Internet via the everywhere cellular network. Cudy 4G and 5G products are designed to stream data day and night and fit in different scenarios. WAN backup and dual SIM improve redundancy, keeping you online wherever you are.









4G 5G Evolution at a Glance

The key difference between models are the cellular technology they adopt. From the most affordable one to the fastest, Cudy offers a wide range of choice for your demand.

Cellular		**4G**	**4G+ / LTE Advanced**		**5G NR**	
Cat./Rel.		Cat. 4	Cat. 6	Cat. 12	Rel. 15	Rel. 16
Modulation		Max 64-QAM			Max 256-QAM	
Key Technologies		2×2 DL MIMO	DL CA 4×4 DL MIMO		DL/UL CA DL/UL MIMO Wider Bandwidth	DL/UL CA DL/UL MIMO Wider Bandwidth eURLLC, mMTC
Max DL Speed		**150 Mbps**	**300 Mbps**	**600 Mbps**	**2.6 Gbps**	**3.4 Gbps**
Product Lines	**Indoor**	LT300, LT400, LT500, LT500E	LT700, LT700E		P2	P4, P5
	Voice	LT400V	LT700V	LT15V		
	Outdoor	LT400 Outdoor, LT500 Outdoor	LT700 Outdoor		P2ODU	
	Industrial	IR02, IR04				

The Industrial Routers are listed on P39.



P5

5G SA/NSA AX3000 Wi-Fi 6 Router

- Qualcomm X62 Modem
- Dual-Core CPU
- 5G Rel. 16, Max 3.4 Gbps Cellular DL
- 4×4 MIMO, DL/UL Carrier Aggregation
- AX3000 Wi-Fi 6, 2.4 Gbps + 574 Mbps
- 4× GbE + 2× Nano SIM Slots
- 4× SMA (Cellular)



P4

5G SA/NSA AX3000 Wi-Fi 6 Router

- Qualcomm X62 Modem
- Dual-Core CPU
- 5G Rel. 16, Max 3.4 Gbps Cellular DL
- 4×4 MIMO, DL/UL Carrier Aggregation
- AX3000 Wi-Fi 6, 2.4 Gbps + 574 Mbps
- 3× GbE + 1× Nano SIM Slot
- Internal Antennas + 2× SMA (Cellular)



P2

5G SA/NSA AX3000 Wi-Fi 6 Router

- Unisoc UDX710
- 1.3 GHz Dual-Core CPU
- 5G Rel. 15, Max 2.6 Gbps Cellular DL
- 4×4 MIMO, DL/UL Carrier Aggregation
- AX3000 Wi-Fi 6, 2.4 Gbps + 574 Mbps
- 2× GbE + 1× Nano SIM Slot
- Internal Antennas + 2× SMA (Cellular)
- 1× VoNR/VoLTE RJ11 (Optional)





LT15E (LT15V)

4G Cat 12 AX3000 Wi-Fi Router (with Voice)

- 4G Cat. 12 Max 600 Mbps Cellular DL
- 4×4 MIMO, DL 3CA
- AX3000 Wi-Fi 6, 2402 Mbps + 574 Mbps
- 4× GbE + 1× Nano SIM Slot (+ 1× RJ11 Port)
- 2× SMA Connectors



LT700

4G Cat 6 AC1200 Wi-Fi Router

- 4G Cat. 6, Max 300 Mbps Cellular DL
- 4×4 MIMO (Optional), DL 2CA
- AC1200 Wi-Fi, 867 Mbps + 300 Mbps
- 4× GbE + 1× Nano SIM Slot + 1× RJ11 Port
- 4× SMA (Cellular)



LT700E (LT700V)

4G Cat 6 AC1200 Wi-Fi Router (with Voice)

- 4G Cat. 6, Max 300 Mbps Cellular DL
- 4×4 MIMO (Optional), DL 2CA
- AC1200 Wi-Fi, 867 Mbps + 300 Mbps
- 4× GbE + 1× Nano SIM Slot (+ 1× RJ11 Port)
- Internal Antennas



LT500

4G Cat 4 AC1200 Wi-Fi Router

- 4G Cat. 4, Max 150 Mbps Cellular DL
- AC1200 Wi-Fi, 867 Mbps + 300 Mbps
- 4× FE + 1× Nano SIM Slot
- Fixed Antennas



LT400

4G Cat 4 N300 Wi-Fi Router

- 4G Cat. 4, Max 150 Mbps Cellular DL
- 300 Mbps Wi-Fi
- 4× FE + 1× Nano SIM Slot
- Internal Antennas



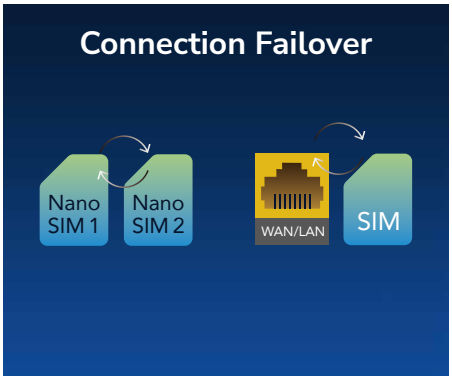
LT300

4G Cat 4 N300 Wi-Fi Router

- 4G Cat. 4, Max 150 Mbps Cellular DL
- 300 Mbps Wi-Fi
- 2× FE + 1× Nano SIM Slot
- Fixed Antennas
- USB-C Power Jack*

*New version

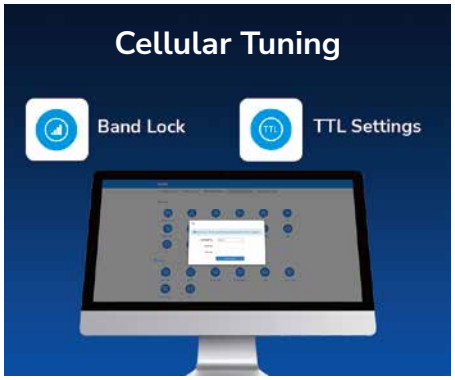
Features for Personalized Optimization



WAN Failover / Dual SIM Failover



SMA Interface (Cellular)



Band Lock/TTL Settings



Outdoor

Keeps Connected in Challenging Environments



P2ODU

5G NR Outdoor Router

- Unisoc UDX710
- 5G Rel. 15, Max 2.6 Gbps Cellular DL
- 4×4 MIMO, DL/UL Carrier Aggregation
- 1× 2.5GbE (PoE-In) + 2× Nano SIM Slots
- IP67, -40~70 °C, 6kV Surge Protection
- eSIM Optional



LT700 Outdoor

Indoor/Outdoor 4G Cat 6 AC1200 Wi-Fi Router

- 4G Cat. 6, Max 300 Mbps Cellular DL
- 4×4 MIMO (Optional), DL 2CA
- AC1200 Wi-Fi, 867 Mbps + 300 Mbps
- 1× GbE (PoE-In) + 1× Nano SIM Slot
- Internal Antennas + 2× SMA (Cellular)
- IP65, -40~70 °C, 6kV Surge Protection
- Hardware Watchdog



LT500 Outdoor

Indoor/Outdoor 4G Cat 4 AC1200 Wi-Fi Router

- 4G Cat. 4, Max 150 Mbps Cellular DL
- AC1200 Wi-Fi, 867 Mbps + 300 Mbps
- 1× FE (PoE-In) + 1× Nano SIM Slot
- Internal Antennas + 2× SMA (Cellular)
- IP65, -40~65 °C, 4kV Surge Protection



LT400 Outdoor

Indoor/Outdoor 4G Cat 4 N300 Wi-Fi Router

- 4G Cat. 4, Max 150 Mbps Cellular DL
- 300 Mbps Wi-Fi
- 1× FE (PoE-In) + 1× Nano SIM Slot
- Internal Antennas + 2× SMA (Cellular)
- IP65, -40~65 °C, 4kV Surge Protection



The Future of Home Internet with FTTH with xPON

xPON Gateways and Routers

ISP Functions:
OMCI, CWMP, IPTV/VLAN



GP3000 (GP3000V)

AX3000 Wireless Dual Band Gigabit xPON Router (with VoIP)

Wi-Fi 6
- AX3000 Wi-Fi
- 160 MHz, DL/UL MU-MIMO, DL/UL OFDMA

Interfaces
- 1× SC/APC Port (GPON/EPON)
- 4× Gigabit Ethernet Ports
- 1× USB 3.0 (Optional)
- 1× RJ11 FXS Port (GP3000V Only)

Buttons
- WPS Button
- Reset Button
- Wi-Fi On/off
- Power On/Off



GP1200 (GP1200V)

AC1200 Wireless Dual Band Gigabit xPON Router (with VoIP)

Wi-Fi
- AC1200 Wi-Fi
- MU-MIMO

Interfaces
- 1× SC/APC Port (GPON/EPON)
- 4× Gigabit Ethernet Ports
- 1× USB 2.0 (Optional)
- 1× RJ11 FXS Port (GP1200V Only)

Buttons
- WPS Button
- Reset Button
- Wi-Fi On/Off
- Power On/Off



GP10X

1-Port 10 Gbps xPON Terminal

Interfaces
- 1× SC/APC Port (XGS-PON)
- 1× 10GbE

Buttons
- Reset Button



GP10

1-Port Gigabit xPON Terminal

Interfaces
- 1× SC/APC Port (GPON/EPON)
- 1× GbE

Buttons
- Reset Button

Dual 4K 10 Gbps
USB-C Dock

DUAL 4K





CS700
Dual 4K 10 Gbps USB-C Dock

- 2× HDMI 2.0, 2× DP 1.2a, Dual 4K
- 1× Upstream PD USB-C (10 Gbps)
- 2× USB-C 3.2 Gen 2 (10 Gbps, 14W)
- 4× USB-A 3.2 Gen2 (10 Gbps, 5W)
- 1× 3.5mm Audio Jack, 1× Gigabit RJ45 Port
- 100W Upstream PD (150W Adapter Incl.)
- Works with Windows/macOS/Linux/Android



UH606
6-In-1 4K USB-C Hub with GbE

- 1× HDMI
- 1× Upstream PD USB-C Male (5 Gbps)
- 3× USB-A 3.2 Gen 1 (5 Gbps)
- 1× Gigabit Ethernet RJ45 Port
- 1× USB-C Receiving 100W PD
- Plug-and-Play on Windows, Mac, Linux



UH605
5-In-1 USB-C Hub with GbE

- 1× Upstream USB-A Male (5 Gbps)
- 3× USB-A 3.2 Gen 1 (5 Gbps)
- 1× Gigabit Ethernet RJ45 Port
- 1× USB-C Port Receiving 5V2A DC
- Plug-and-Play on Windows, Mac, Linux



UH500
6-In-1 HDMI 4K USB-C Hub

- 1× HDMI 1.4, 4K 30 Hz, 2K 60 Hz
- 1× Upstream PD USB-C Male (5 Gbps)
- 4× USB-A 3.2 Gen 1 (5 Gbps)
- 1× USB-C Receiving 100W PD
- PC/Mac/iPad/iPhone/Android/Nintendo



UH407
7-In-1 HDMI SD/TF 4K USB-C Hub

- 1× HDMI 2.0, 4K 60Hz, 2K 144Hz
- 1× Upstream PD USB-C Male (5 Gbps)
- 2× USB-A 3.2 Gen 1 (5 Gbps)
- 1× USB-C 3.2 Gen 1 (5 Gbps)
- 1× TF Slot, 1× SDXC Slot
- 1× USB-C Receiving 100W PD
- PC/Mac/iPad/iPhone/Android/Nintendo



UH405
5-In-1 HDMI 4K USB-C Hub

- 1× HDMI 1.4, 4K 30 Hz, 2K 60 Hz
- 1× Upstream PD USB-C Male (5 Gbps)
- 1× USB-A (5 Gbps) + 2× USB-A 2.0
- 1× USB-C Receiving 100W PD
- PC/Mac/iPad/iPhone/Android/Nintendo



UH401
USB-to-HDMI Adapter

- 1× HDMI 2.0, 4K 60Hz, 2K 144Hz
- 1× Upstream USB-C Male
- Universal Compatibility



UH40A
4-Port USB 3.0 Hub

- 1× Upstream USB-A Male (5 Gbps)
- 4× USB-A 3.2 Gen 1 (5 Gbps)
- Universal Compatibility

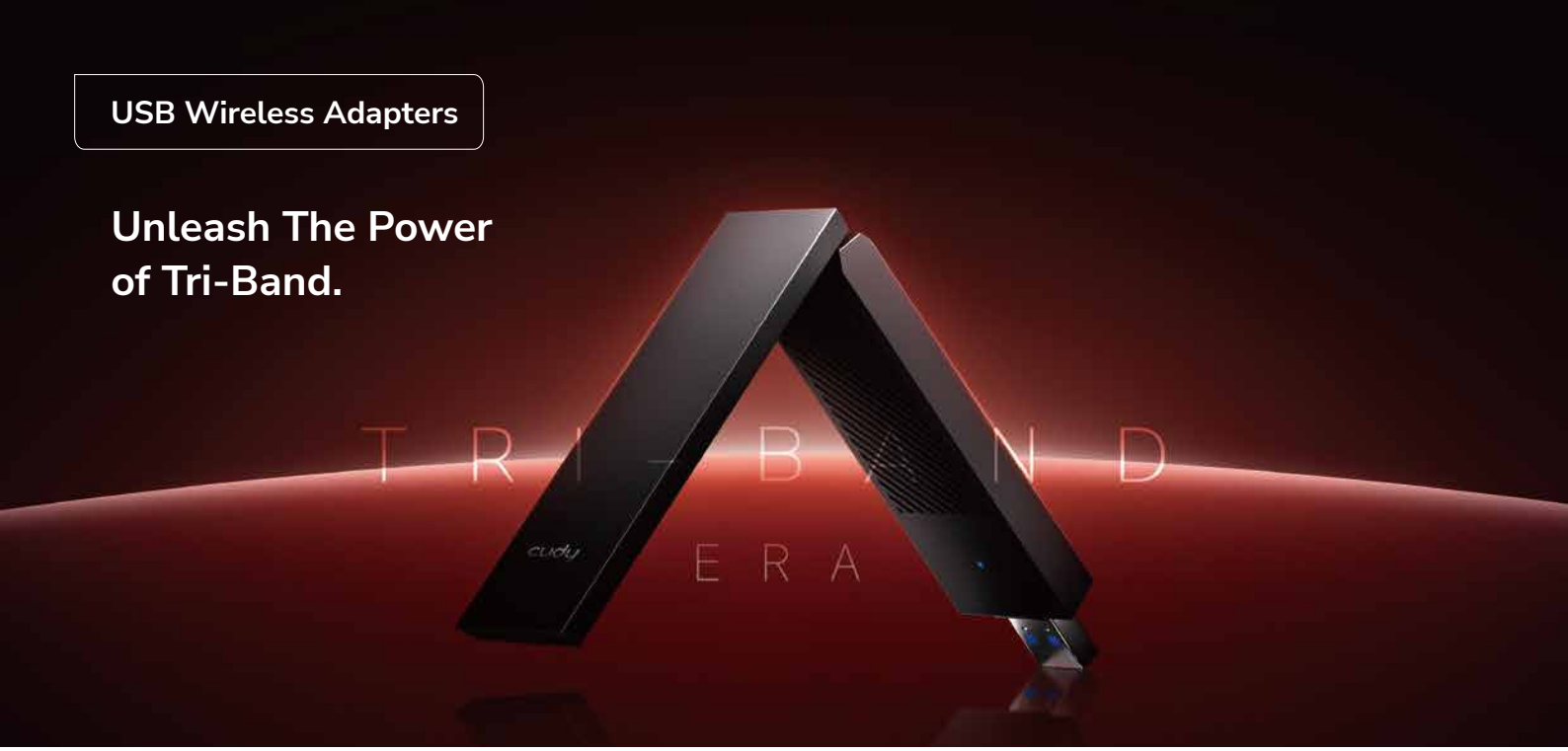


UH200
2-In-1 USB 3.0 Card Reader

- 1× USB-C 3.2 Gen 1 Male (5 Gbps)
- 1× USB-A 3.2 Gen 1 Male (5 Gbps)
- 1× SD Card Slot, 1× TF Card Slot

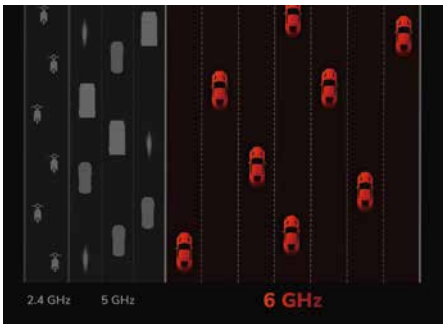
USB Wireless Adapters

Unleash The Power of Tri-Band.





Blazing Fast Wi-Fi 7



Greenfield 6 GHz



Foldable High-Gain Antenna



WU6500

BE6500 Wi-Fi 7 High-Gain USB Adapter

- Up to 2882 Mbps at 6 GHz
- Up to 2882 Mbps at 5 GHz
- Up to 688 Mbps at 2.4 GHz
- Requires USB 3.0 Port for Full Speed
- Windows 10/11 / Linux
- Plug and Play on Windows 10/11



WU5400

AX5400 Wi-Fi 6E High-Gain USB Adapter

- Up to 2402 Mbps at 6 GHz
- Up to 2402 Mbps at 5 GHz
- Up to 574 Mbps at 2.4 GHz
- Requires USB 3.0 Port for Full Speed
- Windows 10/11 / Linux
- Plug and Play on Windows 10/11



WU1400

AC1300 Wi-Fi High-Gain USB Adapter

- Up to 867 Mbps at 5 GHz
- Up to 400 Mbps at 2.4 GHz
- Requires USB 3.0 Port for Full Speed
- Windows 7 to 11 / Mac OS / Linux
- Plug and Play on Windows 10/11



WU900H

AX900 Dual-Band Wi-Fi 6 High-Gain USB Adapter

- Up to 600 Mbps at 5 GHz
- Up to 286 Mbps at 2.4 GHz
- OFDMA and MU-MIMO Features
- Windows 7/10/11 / Mac OS / Linux
- Auto Driver Install on Windows



WU1300S

AC1300 Wi-Fi USB 3.0 Adapter

- Up to 867 Mbps at 5 GHz
- Up to 400 Mbps at 2.4 GHz
- Requires USB 3.0 Port for Full Speed
- Windows 7 to 11 / Mac OS / Linux
- Plug and Play on Windows 10/11
- Mini Size, 37.5×17×8.5 mm



WU900

AX900 Wi-Fi 6 USB Adapter

- Up to 600 Mbps at 5 GHz
- Up to 286 Mbps at 2.4 GHz
- OFDMA and MU-MIMO Features
- Windows 7/10/11 / Mac OS / Linux
- Auto Driver Install on Windows
- Mini Size, 37.5×17×8.5 mm



WU650

AC650 Wi-Fi Nano USB Adapter

- Up to 433 Mbps at 5 GHz
- Up to 200 Mbps at 2.4 GHz
- Windows XP to 11 / Mac OS / Linux
- Plug and Play on Windows 10/11
- Nano Size, 20×15×8 mm



WU300

AX300 Wi-Fi 6 Nano USB Adapter

- Up to 286 Mbps at 2.4 GHz
- Windows 7/10/11 / Mac OS / Linux
- Auto Driver Install on Windows
- Nano Size, 20×15×8 mm



BU530

Bluetooth 5.3 Nano USB Adapter

- Bluetooth 5.3
- Requires a USB 2.0 or Higher Port
- Works on Windows 7/8/8.1/10/11

USB Ethernet Adapters



UE25C

USB-C to 2.5 Gbps Ethernet Adapter

- 2.5 Gbps RJ45 Port
- Requires a USB-C 3.0 for Full Speed
- Works with Windows / Mac / Linux



UE25A

USB-A to 2.5 Gbps Ethernet Adapter

- 2.5 Gbps RJ45 Port
- Requires a USB-A 3.0 for Full Speed
- Works with Windows / Mac / Linux



UE10C

USB-C to Gigabit Ethernet Adapter

- 10/100/1000 Mbps RJ45 Port
- Requires a USB-C 3.0 for Full Speed
- Works with Windows / Nintendo Switch / Mac / iPad / Android / Linux



UE10A

USB-A to Gigabit Ethernet Adapter

- 10/100/1000 Mbps RJ45 Port
- Requires a USB-A 3.0 for Full Speed
- Works with Windows / Nintendo Switch / Mac / iPad / Android / Linux

Looking for USB hubs with Etherent ports? Please go to P18.

PCI-E Adapters

Enjoy Wi-Fi 7 with Unprecedented Speed





WE9300S

BE9300 Wi-Fi 7 Bluetooth 5.4 PCI-E Adapter

- Intel BE200 Module
- Up to 5765 Mbps on 6 GHz
- Up to 2882 Mbps on 5 GHz
- Up to 688 Mbps on 2.4 GHz
- Bluetooth 5.4
- Windows 11 Intel PC only
- Magnet Antennas Base, Heatsink



WE9300

BE9300 Wi-Fi 7 Bluetooth 5.4 PCI-E Adapter

- Intel BE200 Module
- Up to 5765 Mbps on 6 GHz
- Up to 2882 Mbps on 5 GHz
- Up to 688 Mbps on 2.4 GHz
- Bluetooth 5.4
- Windows 11 Intel PC only
- Heatsink



WE3000S

AX5400 Wi-Fi 6E Bluetooth 5.3 PCI-E Adapter

- Intel AX210 Module
- Up to 2402 Mbps on 6 GHz
- Up to 2402 Mbps on 5 GHz
- Up to 574 Mbps on 2.4 GHz
- Bluetooth 5.3
- Windows 10/11 (64-bit)
- Heatsink



WE3000

AX3000 Wi-Fi 6 Bluetooth 5.2 PCI-E Adapter

- Intel AX200 Module
- Up to 2402 Mbps on 5 GHz
- Up to 574 Mbps on 2.4 GHz
- Bluetooth 5.2
- Windows 10/11 (64-bit)



WE1300

AC1300 Wi-Fi Bluetooth 5.0 PCI-E Adapter

- Up to 867 Mbps on 5 GHz
- Up to 400 Mbps on 2.4 GHz
- Bluetooth 5.0
- Windows 10/11 / Linux



WE650

AC650 Wi-Fi Bluetooth 4.2 PCI-E Adapter

- Up to 433 Mbps on 5 GHz
- Up to 200 Mbps on 2.4 GHz
- Bluetooth 4.2
- Windows 10/11 (64-bit)





PE10G

10 Gbps PCI-E Ethernet Adapter

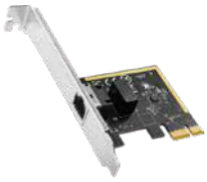
- Marvell AQC113
- 10 Gbps Ethernet Port
- Requires a PCI-E 3.0 x4 Slot
- Wake-On-LAN
- Flow Control
- Standard/Low-Profile Brackets Included
- Windows 7 to 11 / Windows Server 2012 to 2022 / Linux / Synology DSM



PE25

2.5 Gbps PCI-E Ethernet Adapter

- 2.5 Gbps Ethernet Port
- Requires a PCI-E 2.1 x1 Slot
- Wake-On-LAN
- Flow Control
- Standard/Low Profile Brackets Included
- Windows 7 to 11 / Windows Server 2012 to 2022 / Linux



PE10

Gigabit PCI-E Ethernet Adapter

- Gigabit Ethernet Port
- Requires a PCI-E x1 Slot
- Wake-On-LAN
- Flow Control
- Standard/Low Profile Brackets Included
- Windows / Linux

Chargers



Power Your Devices at Lightning Speed



CH20

20W USB-C GaN Charger

- 20 Watts output
- 1× USB-C
- QC+PD 3.0
- EU/US/UK plug
- Fast charge for iPhone, Galaxy, iPad and More



CH25

25W USB-C GaN Charger

- 25 Watts output
- 1× USB-C
- QC+PPS+PD 3.0
- EU/US/UK plug
- Fast charge for iPhone, Galaxy, iPad and More



CH30

30W USB-C GaN Charger

- 30 Watts output
- 1× USB-C
- QC+PD 3.0
- EU/US/UK plug
- Fast charge for iPhone, Galaxy, iPad, Macbook Air and more



CH40

2-Port 40W USB-C GaN Charger

- 40 Watts output
- 2× USB-C (Total 40W max)
- QC+PPS+PD 3.0
- EU/US/UK plug
- Fast charge for iPhone, Galaxy, iPad, Macbook Air and more



CH67

3-Port 67W USB-C GaN Charger

- 67 Watts output
- 2× USB-C (67W max)
- 1× USB-A (18W max)
- QC+PPS+PD 3.0
- EU/US/UK plug
- Fast charge for iPhone, Galaxy, iPad, Macbook and more



CH70

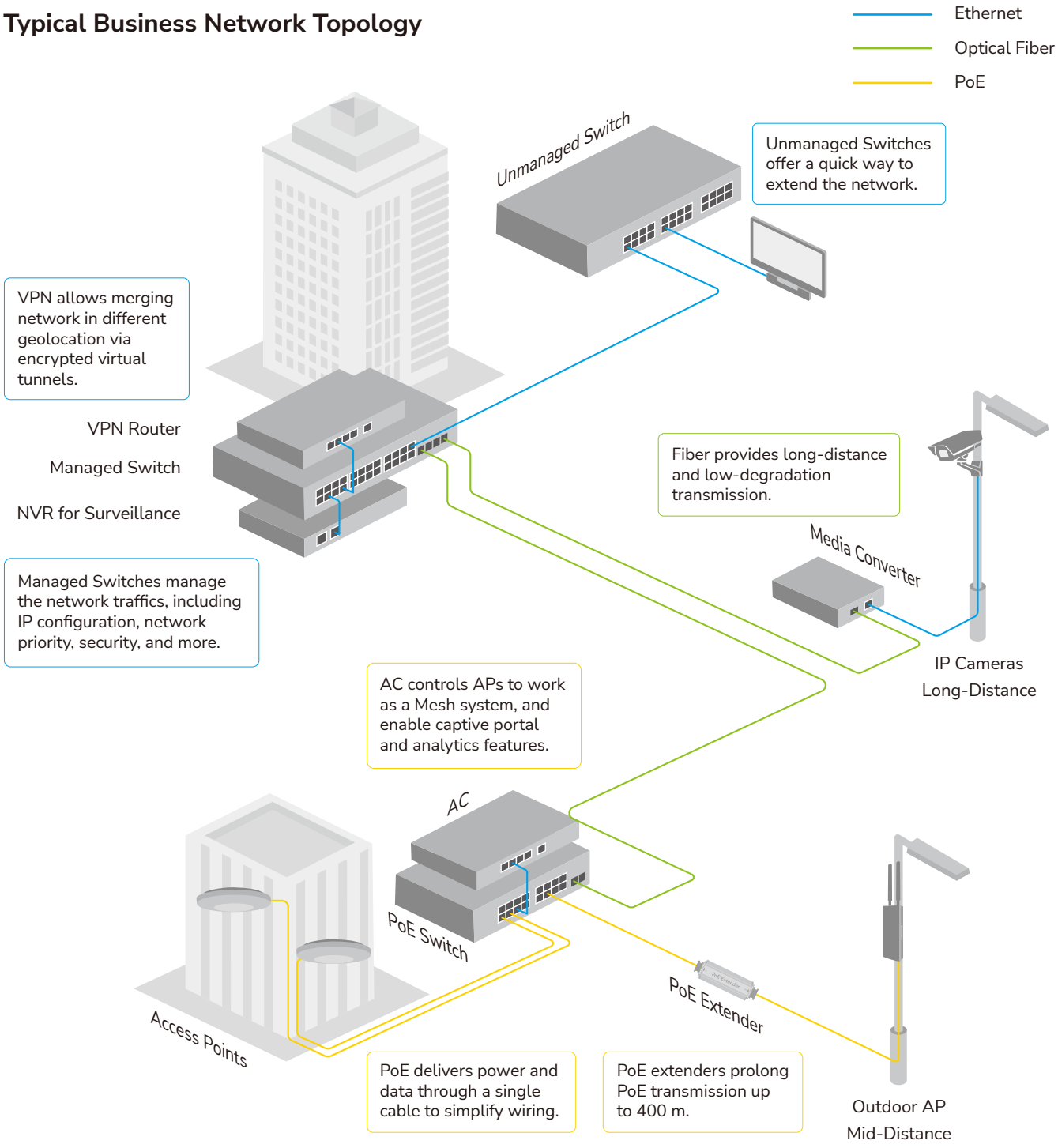
4-Port 65W USB-C GaN Charger

- 65 Watts output
- 3× USB-C (65W max)
- 1× USB-A (30W max)
- QC+PPS+PD 3.0
- EU/US/UK plug
- Fast charge for iPhone, Galaxy, iPad, Macbook and more

Build a Strong and Stable Business Network

A strong and stable network is essential for the growth of your business. Providing convenient and reliable connections not only improves customer satisfaction, but also enhances your brand image. Cudy provides a blanket of options—access points, switches, PoE switches, and fiber—for business owners to build a reliable network.

Typical Business Network Topology





Create Faster and Broader Business Wi-Fi

Wi-Fi 7
Enables multi-link operation to achieve unprecedented speed.

10 Gbps SFP+
Unleashes the full wireless speed to enable faster transmission for more devices.

Fast Roaming
Provides uninterpreted WiFi connection for customers even when they are moving around.

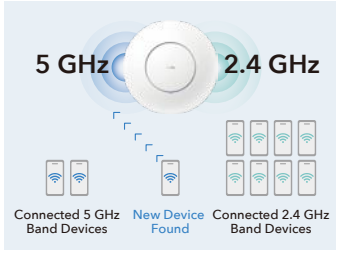
A Smart Business Wi-Fi for Customers Satisfaction



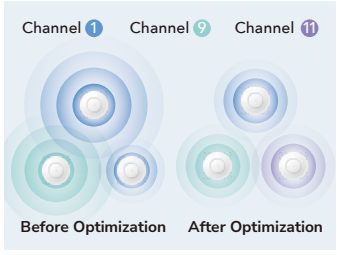
Multi-SSID
Multi-SSID creates multiple Wi-Fi names for different tasks or user groups, reducing the risk of unauthorized access and potential security breaches.



Captive Portal
Captive portal allows you to improve brand awareness by displaying a customized login page for new clients, which satisfies authorization and marketing demands.



Band Steering
Assigns devices to the less-congested bands, optimizing the system performance.



Auto Channel Selection
Avoid signal interruptions with nearby access points.



Auto Mesh Optimization
Form mesh backhaul via less congested routes automatically.



OpenWiFi
Built on OpenWiFi software for building a more inclusive and customizable AP system.
*Available on seleted models

* Advanced features are available when working with a Cudy access point controller.

AP Controllers / VPN Routers



C200P

2-IN-1 SMB Router /AP Controller with 4 PoE+ Ports

- 1× GbE WAN, 4× 802.3at/af GbE LAN
- 1× USB 3.0
- 60 W Power Supply
- Zero-Touch Cudy Mesh Adaptation
- Captive Portal, Multi-SSID, VPN



R700

Gigabit Multi-WAN VPN Router

- 5× Gigabit Ethernet Ports
- Max 4× WAN with Load Balance
- VPN (PPTP/L2TP/IPSec/WireGuard/ OpenVPN/Zerotier)
- Supports 20 IPsec Tunnels, 16 PPTP/L2TP Tunnels, 16 OpenVPN Tunnels, 16000 Concurrent Sessions

Ceiling-Mount AP

For large area coverage such as stadium, lecture hall, and train station.



AP11000

BE11000 Tri-Band Wi-Fi 7 Access Point

- 1.5 GHz Quad-Core CPU
- 5.7 Gbps + 4.3 Gbps + 688 Mbps
- 1× 10G SFP+, 1× 2.5GbE (PoE In)
- PoE, Passive PoE, or DC Power
- OpenWiFi Software Optional



AP6500

BE6500 Wi-Fi 7 Access Point

- 2 GHz Quad-Core CPU
- 5.7 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× 10G SFP+, 1× 2.5GbE (PoE In)
- PoE, Passive PoE, or DC Power



AP3600

BE3600 2.5G Wi-Fi 7 Access Point

- 2 GHz Quad-Core CPU
- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× 2.5GbE (PoE In)
- 1× GbE (PoE Out)
- PoE, Passive PoE, or DC Power



AP3000

AX3000 2.5G Access Point

- 1.3 GHz Duad-Core CPU
- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 1× 2.5 Gbps Ethernet Port (PoE In)
- PoE, Passive PoE, or DC Power
- OpenWiFi Software Optional



AP1300

AC1200 Gigabit Access Point

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 1× Gigabit Ethernet Port (PoE In)
- PoE, Passive PoE, or DC Power

Wall-Plate AP

Provides room-dedicated coverage,
such as hotel rooms and dormitory en-suites.

AP3600 Wall

BE3600 2.5G Wi-Fi 7 Wall-Plate Access Point

- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× 2.5GbE (PoE In) on the back
- 1× GbE LAN (PoE Out), 3× GbE LAN
- PoE 802.3at/af

AP3600E Wall

BE3600 2.5G Wi-Fi 7 Wall-Plate Access Point

- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× 2.5GbE (PoE In) on the back
- 1× GbE LAN
- PoE 802.3at/af

AP3000 Wall

AX3000 Wi-Fi 6 Wall-Plate Access Point

- 1.3 GHz Duad-Core CPU
- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 1× GbE (PoE In) on the back
- 1× GbE LAN (PoE Out), 3× GbE LAN
- PoE 802.3at/af

AP3000E Wall

AX3000 2.5G Wi-Fi 6 Wall-Plate Access Point

- 1.3 GHz Duad-Core CPU
- 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- 1× 2.5GbE (PoE In) on the back
- 1× GbE LAN
- PoE 802.3at/af

AP1300 Wall

AC1200 Wall-Plate Access Point

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 1× GbE (PoE In) on the back
- 1× GbE LAN (PoE Out), 3× GbE LAN
- PoE 802.3at/af

AP1300E Wall

AC1200 Wall-Plate Access Point

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 1× GbE (PoE In) on the back
- 1× GbE LAN
- PoE 802.3at/af

Common Features

Install on the Electrical Box

Saves spaces, merge into environment

Hardware Watchdog

Reboots system automatically when software freezes

Desktop AP

The easy-to-install AP solution
for homes and small offices.



AP3000D

AX3000 Desktop Wireless Access Point

- AX3000 Dual-Band Wi-Fi 6
- 1× Gigbait Ethernet Port (PoE In)
- 802.3at/af, Passive PoE, DC
- AP/RE/Client/Mesh Satellite
- Cudy Mesh



AP1300D

AC1200 Desktop Wireless Access Point

- AC1200 Dual-Band Wi-Fi
- 1× Gigabit Ethernet Port (PoE In)
- 802.3at/af, Passive PoE, DC
- AP/RE/Client/Cudy Mesh Satellite
- Cudy Mesh

Outdoor AP

The weather-proof AP solution for parks, gardens, parking lots, and more.



AP3600 Outdoor

Indoor/Outdoor BE3600 2.5G Wi-Fi 7 Access Point

- 2 GHz Quad-Core CPU
- 2.8 Gbps (5 GHz) + 688 Mbps (2.4 GHz)
- 1× 2.5 Gbps Ethernet Port (PoE In)
- 2× Detachable Antennas
- IP65, -40~70 °C, 6kV Surge Protection
- 802.3at, 48-57V Passive PoE
- Hardware Watchdog
- Cudy Mesh



AP3000 Outdoor

Indoor/Outdoor AX3000 High-Power Wi-Fi 6 Access Point

- 1.3 GHz Dual-Core CPU
- 2.4 Gbps (5 GHz) + 574 Mbps (2.4 GHz)
- 2× Detachable Antennas + 1× Internnal Antenna
- 1× Gigabit Ethernet Port (PoE In)
- IP65, -40~70 °C, 6kV Surge Protection
- 802.3at, 48-57V Passive PoE
- Hardware Watchdog
- Cudy Mesh
- Additional PA boosts range up to 320 meters



AP1300 Outdoor

Indoor/Outdoor AC1200 Wireless Access Point

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 1× Gigabit Ethernet Port (PoE In)
- 2× Detachable Antennas
- IP65, -40~65 °C, 4kV Surge Protection
- 802.3at/af, 24-57V Passive PoE
- Hardware Watchdog
- Cudy Mesh



AP1200 Outdoor

Indoor/Outdoor AC1200 Wireless Access Point

- 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 1× 10/100 Mbps Ethernet Port (PoE In)
- 2× Detachable Antennas
- IP65, -40~65 °C, 4kV Surge Protection
- 24V Passive PoE

Common Features

Wallmount/Polemount
Mounting kit included

Wireless Bridges



WD20-Kit

2.4 GHz 300 Mbps 2 km Wireless Bridge

Each kit includes 2 × WD20 units. Specs:

- 300 Mbps (2.4 GHz)
- Max 2 km distance
- 1× 10/100 Mbps Ethernet Port (PoE In)
- 1× 10/100 Mbps Ethernet Port (PoE Out)
- Power: 12-48V DC, 802.3at/af, or 12-48V Passive PoE
- PoE Out: 802.3af or 48V Passive PoE
- IP55, -40~70 °C, 4kV Surge/Lightning Protection (RJ45)



WD50G-Kit

5 GHz 867 Mbps 5 km Wireless Bridge

Each kit includes 2 × WD50G units. Specs:

- 867 Mbps (5 GHz)
- Max 5 km distance
- 1× Gigabit Ethernet Port (PoE In)
- 1× Gigabit Ethernet Port (PoE Out)
- Power: 12-48V DC, 802.3at/af, or 12-48V Passive PoE
- PoE Out: 802.3af or 48V Passive PoE
- IP55, -40~70 °C, 4kV Surge/Lightning Protection (RJ45)

8/16/24-Port Network Switch
Reliable Networking. Robust Switching.



Looking for PoE Switches? Please go to P32.

Switches




Models	FS105D	FS108D	FS1016	FS1024
Casing	Plastic	Plastic	Metal	Metal
10/100 Mbps Ports	5	8	16	24
MAC Address Table	2048	2048	8192	8192
Forwarding Rate	0.74 Mpps	1.19 Mpps	2.368 Mpps	3.57 Mpps
Power	5V / 0.55A	5V / 0.55A	AC	AC
Power Saving	√	√	√	√
Max Consumption	0.5W	0.75W	1.6W	2.1W
Idle Consumption	0.32W	0.4W	0.6W	0.9W
Installation	Desktop, Wallmount		Desktop, Rackmount	
Dimensions (mm)	88×52.5×24	138×61.5×24	200×118×44	270×182×44








Models	GS105D	GS105	GS105U	GS108D	GS108	GS108U
Casing	Plastic	Metal	Plastic	Plastic	Metal	Plastic
Gigabit Ports	5			8		
Max Distance	140 meters at Gigabit			170 meters at Gigabit		
Switching Capacity	10 Gbps			16 Gbps		
MAC Address Table	2K			4K		
Forwarding Rate	7.4 Mpps			11.9 Mpps		
Stability	Flow Control, IGMP Snooping*			Flow Control, Loop Prevention, IGMP Snooping		Flow Control
Power	External DC 5V / 0.55A		USB-C	External DC 5V / 0.55A		USB-C
Power Saving	√	√	√	√	√	√
Max Consumption	1.2W			1.8W		4W
Idle Consumption	0.2W			0.3W		1.18W
Installation	Desktop, Wallmount			Desktop, Wallmount		
Dimensions (mm)	88×52.5×24	86.5×53×23	88×52.5×24	138×61.5×24	138×78×25	138×61.5×24

* IGMP snooping is supported in the GS105D 5.0, GS105 5.0, and GS105U 2.0.



Models	GS1016	GS1024	GS1024L	HS105	HS105U
Gigabit Ports	16	24	24	-	-
2.5 Gbps Ports	-	-	-	5	5
Max Distance	100 meters at Gigabit 250 meters at 10 Mbps (Extend Mode)			50 meters at 2.5 Gbps (Cat 5e) 100 meters at 2.5 Gbps (Cat 6)	
Switching Capacity	32 Gbps	48 Gbps		25 Gbps	
MAC Address Table	8K	8K		8K	
Forwarding Rate	23.8 Mpps	35.7 Mpps		18.6 Mpps	
DIP Switch	VLAN/Default/Extend	VLAN/Default/Extend		-	-
VLAN Ports	1-14	1-22		-	-
Extend Ports	1-14	1-22		-	-
Power	Internal AC 100-240V	Internal AC 100-240V		12V 1A DC	5V USB-C
Max Power Consumption	10.1W	16.5W		10.5W	6W
Installation	Desktop, Rackmount	Desktop, Rackmount		Desktop, Wallmount	
Dimensions (mm)	200×118×44 mm	270×182×44 mm	440×180×44 mm	119×85×28 mm	82×82×27 mm

Managed Switches

Light-Managed Switch



Models	GS105ES1	GS108E	GS108ES2	GS1016E	GS1024E	GS1016ES2	GS1028ES2	HS108ES1
RJ45	5× GbE	8× GbE	8× GbE	16× GbE	24× GbE	16× GbE	28× GbE (2× Combo)	8× 2.5GbE
SFP/SFP+	1× SFP	-	2× SFP	-	-	2× SFP	2× SFP Combo	1× SFP+
Preset Modes	Managed	Managed	Managed	Managed/VLAN/Extend		Managed	Managed	Managed
Switching Capacity	12 Gbps	16 Gbps	21 Gbps	32 Gbps	48 Gbps	36 Gbps	56 Gbps	60 Gbps
MAC Address Table	2K	4K	4K	8K	8K	8K	8K	4K
Forwarding Rate	8.928 Mpps	11.904 Mpps	15.624 Mpps	23.808 Mpps	35.712 Mpps	26.784 Mpps	41.664 Mpps	44.64 Mpps
Power	DC 5V 0.55A	DC 5V 0.55A	DC 12V 1A	90-260V AC	90-260V AC	90-260V AC	90-260V AC	DC 12V 1A
Installation	Desktop, Wallmount			Desktop, Rackmount				Wall-mount
Dimensions (mm)	119×85×28	138×78×25	190×100×28	200×118×44	440×180×44	440×180×44	440×180×44	190×100×28
QoS	DSCP QoS, 802.1p QoS, Port-Based QoS							
VLAN	MTU VLAN, Port-Based VLAN, 802.1Q VLAN, Voice VLAN							
Ports Management	Port On/Off, Port Negotiation Speed, Port Trunk (Static Aggregation), Port Mirror, Data Rate Limit, Jumbo Frame, Storm Control, Traffic Monitor, MAC Address Management							
Other L2 Features	IGMP Snooping, DHCP Snooping, Loop Prevention, STP/RSTP, LLDP							
Management	Web Management, SNMP							

L2+ Managed Switch





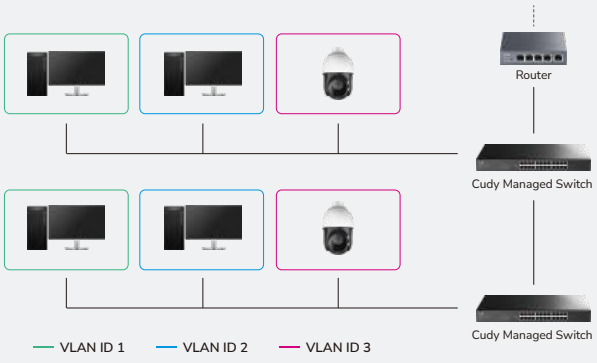
Models		GS2008S2	GS2024S2	GS5024S4
Hardware	RJ45 Ports	8× GbE	24× GbE	24× GbE
	SFP Slots	2× SFP	4× SFP	4× 10G SFP+
	Console Ports	RJ45	RJ45	RJ45, USB
	Switching Capacity	21 Gbps	58 Gbps	128 Gbps
Performance	MAC Address Table	8K	8K	16K
	Jumbo Frame	9.6 KB	9.6 KB	12 KB
	VLANs	4096	4096	4096
	Forwarding Rate	15.2624 Mpps	43.152 Mpps	95.232 Mpps
L2+ Features	DHCP Snooping	√		
	IGMP Snooping	V1/V2/V3		
	Spanning Tree	STP/RSTP/MSTP		
	VLAN	802.1Q/MAC/Protocol, GVRP/Voice VLAN, MTU VLAN		
	QoS	8 Queues, 802.1p/DSCP, Port/IP Classification, SP/WRR Queue Scheduling Flow Rate Limit		
	Authorization	802.1x/AAA/TACACS+/RADIUS		
	Rate Limiting	√		
	Port Isolation	√		
	Port Mirroring	√		
	Link Aggregation	LACP (802.3ad), Static		
	DDM	√		
	IMPV Binding	√		
	ARP Proxy	√		
	IP Source Guard	√		
	UDLD	√		
	ACL (Layer 2 - 4)	√		
	Others	Jumbo Frame Settings, Storm Control		
Management	SNMP	V1/V2/V3		
	CLI	Telnet/SSH		
	RMON	Statics/History/Event/Alarm		
Pysical	Reset Button	√	√	√
	Dimension (mm)	268×180×44	440×205×44	440×204×44
	Installation	Rackmount	Rackmount	Rackmount

VLAN

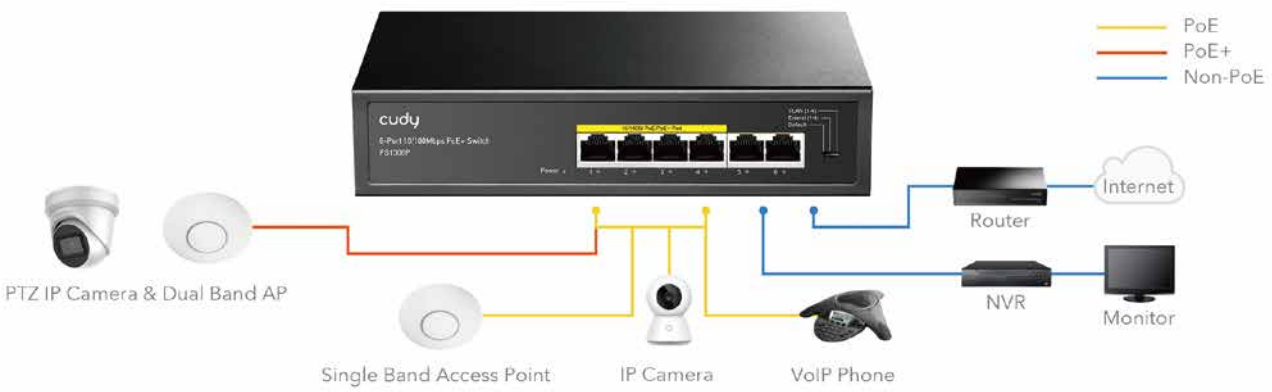
With 802.1Q VLAN, you can assign clients to different VLAN networks by specifying a VLAN ID. This ID remains consistent across other VLAN capable switches, enabling effective segmentation and management of network traffic.

Network Security

Department Segmentation



PoE Switches



Cudy PoE switches connect and power various network devices seamlessly and efficiently. With PoE (Power over Ethernet) technology, these switches simplify network infrastructure by combining power and data into a single cable, eliminating additional power outlets or wiring.





10/100 Mbps PoE Switch



Models	FS106P	FS1006P	FS1010P	FS1010PG	FS1018PS1	FS1026PS1
RJ45 Ports	6× FE	6× FE	10× FE	8× FE, 2× GbE	16× FE, 2× GbE	24× FE, 2× GbE
SFP Slots	-	-	-	-	1× SFP	1× SFP
PoE Ports	1~4 (FE)	1~4 (FE)	1~8 (FE)	1~8 (FE)	1~16 (FE)	1~24 (FE)
Power Supply (W)	36	65	120	120	200	200
Max Output per Port (W)	30	30	30	30	30	30
PoE Standards	802.3at/af Alternative A					
MAC Address Table	2K	2K	2K	2K	2K	2K
Forwarding Rate	0.9 Mpps	0.9 Mpps	1.48 Mpps	4.166 Mpps	6.844 Mpps	8 Mpps
PoE Max Indicator	-	-	√	√	√	√
Intelligent Power Management	√	√	√	√	√	√
DIP Switch	Default/Extend/VLAN*		Extend On/Off, VLAN On/Off, Watchdog On/Off			
Extend Mode Ports	All PoE Ports				9-16	17-24
Power Input	Internal AC 100–240 V					
Dimension (mm)	138×61.5×24	200×118×44			270×182×44	440×180×44
Installation	Desktop Wallmount	Desktop, Rackmount (brackets not included)			Desktop, Rackmount	

*PoE watchdog is enabled on all PoE ports under VLAN or Extend Mode

Gigabit PoE+ Switch For Security & Surveillance



Models	GS105P	GS1008P	GS1010P	GS1010PS2	GS1018PS2	GS1026PS2
RJ45 Ports	5× GbE	8× GbE	10× GbE	10× GbE	16× GbE	26× GbE
SFP Slots	-	-	-	2× SFP	2× SFP	2× SFP
PoE Ports	1-4	1-4	1-8	1-8	1-16	1-24
Power Supply (W)	36	60	120	120	200	300
Max Output per Port (W)	30	30	30	30	30	30
PoE Standards	802.3at/af	802.3at/af	802.3at/af	802.3at/af	802.3at/af	802.3at/af
Fans	-	-	-	-	-	1
Switching Capacity	10 Gbps	16 Gbps	20 Gbps	25 Gbps	37 Gbps	57 Gbps
MAC Address Table	2K	8K	2K	2K	8K	8K
Forwarding Rate	7.44 Mpps	11.904 Mpps	14.88 Mpps	17.856 Mpps	29.76 Mpps	41.644 Mpps
PoE Max Indicator	√	√	√	√	√	√
PoE Status Per Port	√	√	-	√	√	√
Intelligent Power Management	√	√	√	√	√	√
DIP Switch	VLAN/Default/Extend Watchdog On/Off	Extend On/Off, VLAN On/Off, Priority On/Off	Extend On/Off, VLAN On/Off, Watchdog On/Off			
Extend Mode Ports	1-4	1-4	1-8	1-8	9-16	17-24
Power Input	54V DC		Internal AC 100–240 V			
Dimension (mm)	119×85×28	155×86×26	220×150×44	256×170×44	440×220×44	440×180×44
Installation	Desktop, Wall-Mount		Desktop, Rack-Mount			

*PoE watchdog is enabled on all PoE ports under VLAN or Extend Mode

Gigabit PoE+ Switch For Data Communication



Models	GS1005P	GS1010PE	GS1020PS2	GS1028PS2
RJ45 Ports	5× GbE	10× GbE	18× GbE	28× GbE (2× Combo)
SFP Slots	-	-	2× SFP	2× SFP (2× Combo)
PoE Ports	1-4	1-8	1-16	1-24
Power Supply (W)	60	120	200	300
Max Output per Port (W)	30	30	30	30
PoE Standards	802.3at/af	802.3at/af	802.3at/af	802.3at/af
Fans	-	-	-	1
Switching Capacity	10 Gbps	20 Gbps	41 Gbps	57 Gbps
MAC Address Table	2K	2K	2K	8K
Forwarding Rate	7.44 Mpps	14.88 Mpps	26.78 Mpps	38.68 Mpps
PoE Max Indicator	√	√	√	√
PoE Status Per Port	√	√	√	√
Intelligent Power Management	√	√	√	√
Loop Prevention / DSCP / 802.1p QoS	√	-	√	√
DIP Switch	VLAN/Default/Extend Watchdog On/Off	Extend On/Off, VLAN On/Off, Watchdog On/Off		
Extend Mode Ports	1-4	1-8	9-16	17-24
Power Input	54V DC	Internal AC 100–240 V		
Dimension (mm)	119×85×28	256×170×44	440×180×44	440×220×44
Installation	Desktop, Wall-Mount	Desktop, Rack-mount		

Light-Managed PoE Switch







Models	GS1005PTS1	GS1008EPS2	GS1016EPS2	GS1028EPS2	HS1008EPS1
RJ45 Ports	5× GbE	8× GbE	16× GbE	28× GbE (2× Combo)	8× 2.5GbE
SFP/SFP+ Slots	1× SFP	2× SFP	2× SFP	2× SFP Combo	1× SFP+
Preset Modes	Managed	Managed	Managed/VLAN/Extend	Managed	Managed
Switching Capacity	12 Gbps	21 Gbps	36 Gbps	56 Gbps	60 Gbps
MAC Address Table	2K	4K	8K	8K	4K
Forwarding Rate	8.928 Mpps	14.88 Mpps	26.784 Mpps	41.664 Mpps	44.64 Mpps
Power	90-260V AC	90-260V AC	90-260V AC	90-260V AC	90-260V AC
Installation	Desktop, Rackmount				
Dimensions (mm)	200×118×44	200×118×44	440×220×44	440×220×44	200×118×44
QoS	DSCP QoS, 802.1p QoS, Port-Based QoS				
VLAN	MTU VLAN, Port-Based VLAN, 802.1Q VLAN, Voice VLAN				
Ports Management	Port On/Off, Port Negotiation Speed, Port Trunk (Static Aggregation), Port Mirror, Data Rate Limit, Jumbo Frame, Storm Control, Traffic Monitor, MAC Address Management				
PoE Management	PoE Priority, PoE Watchdog On/Off, PoE Watchdog Period/Packet Threshhold, PoE Consumed Power, PoE Standard, Delayed PoE Delivery, Total PoE Power Limit, PoE Power Limit				
Other L2 Features	IGMP Snooping, DHCP Snooping, Loop Prevention, STP/RSTP, LLDP				
Management	Web Management, SNMP				

L2 Managed PoE Switches






Models		GS2008PS2	GS2018PS2	GS2028PS4	GS2048PS4
Hardware	RJ45 Ports	8× GbE	18× GbE	28× GbE (4× Combo)	48× GbE
	SFP/SFP+ Slots	2× SFP	2× SFP	4× SFP (Combo)	4× 10G SFP+
	PoE+ Ports	1-8	1-16	1-24	1-4 (PoE++) 5-44(PoE+)
	Console Ports	RJ45	RJ45	RJ45	RJ45
	Power Supply (W)	130	200	300 / 400	720
	Max Output on Single Port (W)	30	30	30	30 (PoE+) 90 (PoE++)
	PoE Standards	802.3at/af			802.3bt/at/af
	PoE Watchdog	√	√	√	√
	Fans	-	-	-	1
	Power Input	Internal AC 100–240 V			
Performance	MAC Address Table	8K	8K	8K	32K
	Jumbo Frame	9.6 KB	9.6 KB	9.6 KB	12 KB
	VLANs	4096	4096	4096	4096
	Forwarding Rate	14.88 Mpps	29.76 Mpps	41.66 Mpps	130.94 Mpps
L2 Features	DHCP Snooping	√			
	IGMP Snooping	V1/V2/V3			
	Spanning Tree	STP/RSTP/MSTP			
	VLAN	802.1Q/MAC/Protocol GVRP/Voice VLAN			
	QoS	8 Queues, 802.1p/DSCP, Port/IP Classification, SP/WRR Queue Scheduling Flow Rate Limit			
	Authorization	802.1x/AAA/TACACS+/RADIUS			
	Rate Limiting	√			
	Port Isolation	√			
	Port Mirroring	√			
	Link Aggregation	LACP (802.3ad), Static			
	DDM	√			
Management	SNMP	V1/V2/V3			
	CLI	Telnet/SSH			Telnet
	RMON	Statics/History/Event/Alarm			√
Pysical	Reset Button	√	√	√	√
	Dimension (mm)	261×181×44	440×205×44	440×285×45	440×305×44
	Installation	Rackmount	Rackmount	Rackmount	Rackmount

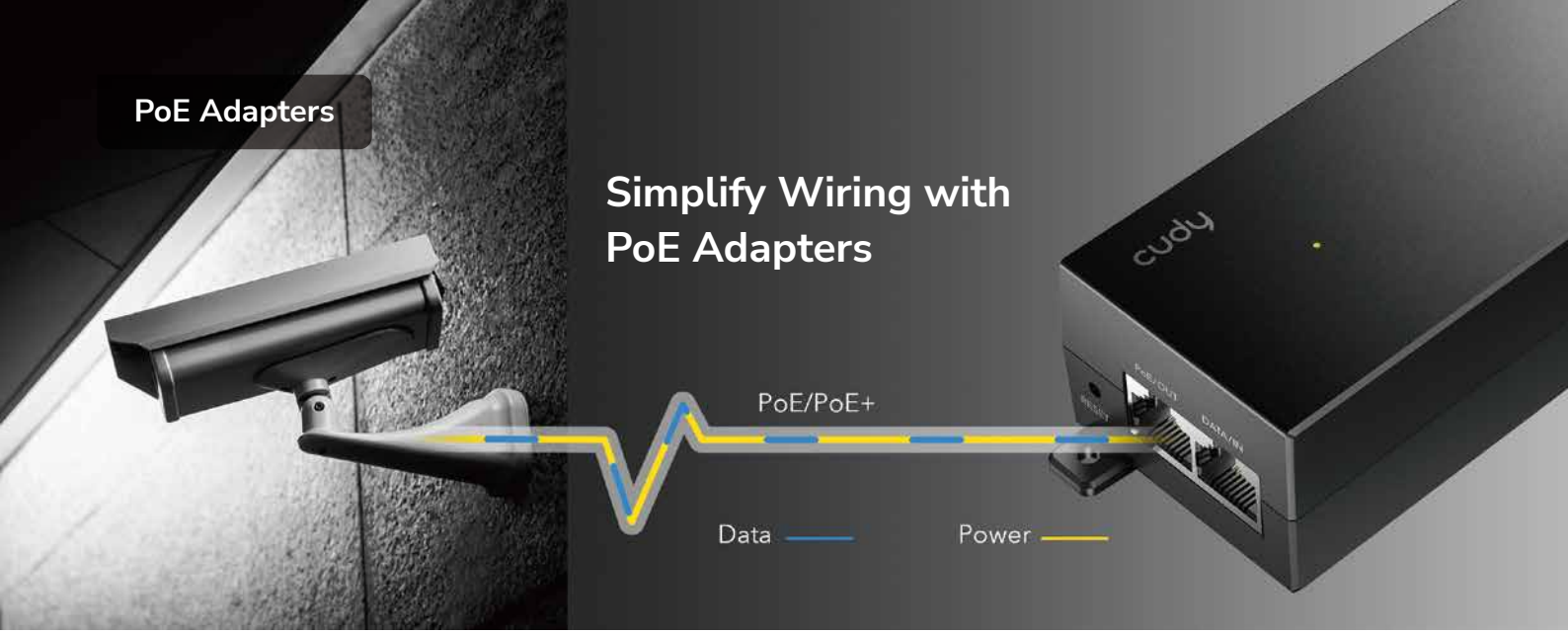
L3 Managed PoE+ Switch



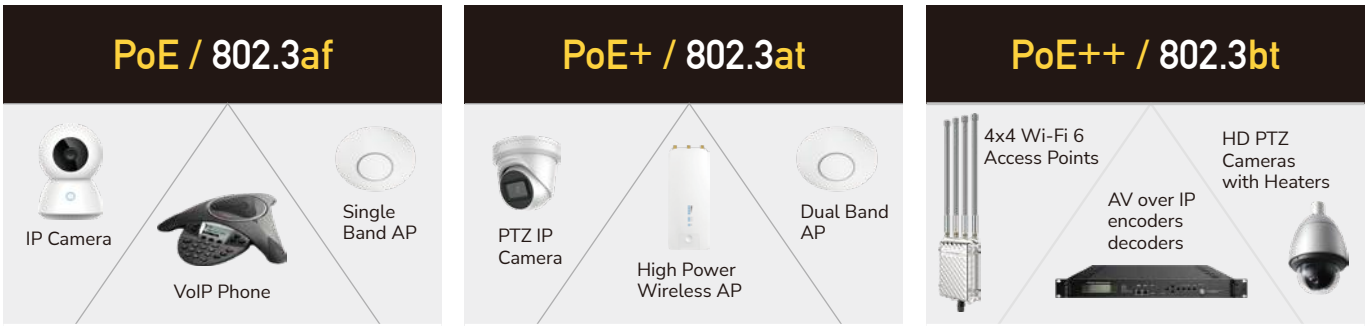
GS5024PS4-400W

24-Port L3 Managed Gigabit PoE+ Switch with 4 10G SFP+ Slots

- 24× GbE Ports with 802.3at/af PoE support
- 4× 10G Uplink SFP+ Ports
- 1× RJ45 and 1× USB Console Port
- 400 W Total PoE Budget
- 128 Gbps Backplane Bandwidth
- L2 Management Functions
- L3 Management Functions
- 440×280×44 mm
- 1U Rackmount



Power the Devices with Correct PoE Adapters



*For long-distance PoE applications, Cudy recommends using a Cat5e or higher Ethernet cable with wires of low gauge (22 or 24) to reduce power drop and heat accumulation.

PoE+/PoE++



Models	POE200	POE200H	POE300	POE350	POE400	POE400X
PoE Power	30W	30W	60W	90W	90W	90W
PoE Standards	802.3at/af	802.3at/af	802.3bt/at/af	802.3bt/at/af	802.3bt/at/af	802.3bt/at/af
Ethernet Ports	GbE In GbE Out	2.5GbE In 2.5GbE Out	GbE In GbE Out	GbE In GbE Out	GbE In GbE Out	10GbE In 10GbE Out
Pins	Mode A	Mode A	Four-Pair	Four-Pair	Four-Pair	Four-Pair
Housing	Plastic	Plastic	Metal	Metal	Metal	Metal
Wall Mounting	√	√	√	√	√	√

Passive PoE



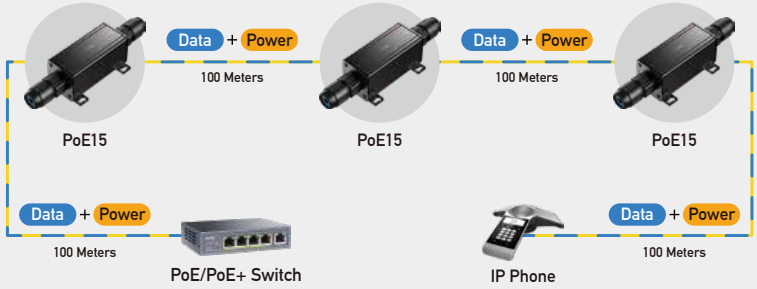
Models	POE-DC	POE48-18W
PoE Output	Determinted by PSU used, Max. 1A	48V, 0.38A
Power Input	Not Included	100-240V AC
Ethernet Ports	GbE In GbE Out	GbE In GbE Out
Housing	Plastic	Plastic
Pins	Mode B	Mode B
Wall Mounting	√	√

PoE Extenders

Extend PoE by 100 meters
Gigabit PoE Extender



Support up to 3 PoE+ Extenders for 400 Meters Distance



Connect up to 400 m in Daisy Chain



Weather-Proof with IP67 and Level 3 EMC






Models	POE10	POE15	POE25	POE40
PoE IN	1× GbE	1× GbE	1× GbE	1× GbE
PoE Out	1× GbE	1× GbE	2× GbE	4× GbE
Max In Wattage	30 W	30 W	60 W	60 W
Max Out Wattage	25.5 W	25.5 W	2× 25.5 W	2× 25.5 W or 4× 15 W
Transmission Distance	Up to 250 m	100 m	100 m	100 m
Daisy Chain	Up to 3			
PoE IN Standards	802.3at/af	802.3at/af	802.3bt/at/af	802.3bt/at/af
PoE Out Standards	802.3at/af			
Water-proof	-	IP67	IP67	-
Wall Mouting	√	√	√	√

Fiber to Ethernet Media Converter

Speed	Fiber	Mode	Distance	
10/100M	Single	SM	550m	40km
10/100/1000M	Dual	MM	2km	60km
10G			10km	80km
			20km	100km



Models	Fiber Connectors	Copper Ports	Fiber Transmission Distance	Fiber Type	Fiber Number	Wavelength	Dimensions (W × D × H)	Power
MC100GMA-05	1.25 Gbps SC	10/100/1000 Mbps RJ45	550 m	Multi-Mode	Dual Fibers	850 nm	26 × 70 × 94 mm	5 V /1 A
MC100GSA-20			20 KM	Single-Mode		1310 nm		
MC100GSA-40			40 KM					
MC100GSA-60			60 KM			1550 nm		
MC100GSA-80			80 KM					
MC100GSA-100			100 KM					
MC100GSB-20A			20 KM		Single Fiber	TX: 1310 nm RX: 1550 nm		
MC100GSB-40A			40 KM					
MC100GSB-60A			60 KM					
MC100GSB-20B			20 KM			TX: 1550 nm RX: 1310 nm		
MC100GSB-40B			40 KM					
MC100GSB-60B			60 KM					
MC220	SFP		Depending on the installed SFP Modules					
MC10G	SFP+	10G RJ45						
MC220P	SFP	10/100/1000 Mbps RJ45 PoE+ (802.3at/af)						DC 47–57V
MC100GSA-20P	1.25 Gbps SC		20 KM	Single-Mode	Dual Fibers	1310 nm		

For more variants, please contact sales@cudy.com



MC1402

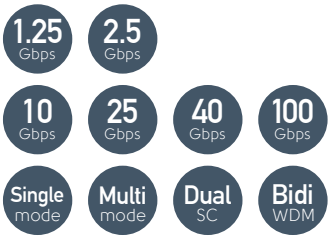
Media Converter Chassis

2U / 19-inch / 14-Slot

Dual AC Power Supplies / 220 V + 48 V

Modules





Fiber modules are used to provide high-speed and reliable connectivity between network devices over long distances. Fiber optic cables use light to transmit data, which allows for significantly higher speeds and greater distances without degradation of signal quality.



The Robust Network

for Need of High Reliability





Products	Industrial 4G Cat. 4 N150 Wi-Fi Router	Industrial 4G Cat. 4 N300 Wi-Fi Router
Models	IR02	IR04
Cellular	4G LTE Cat. 4	4G LTE Cat. 4
SIM Slots	2× SIM Slots (Nano SIM-4FF)	2× SIM Slots (Mini SIM-2FF)
Wi-Fi	N150	N300
Ethernet	2× 10/100 Mbps Ports	4× 10/100 Mbps Ports
USB	-	1× USB (File Sharing / USB-to-Serial)
IO	1× 7-PIN (RS232, RS485)	1× DB9 (RS232, RS422, RS485) 1× 6-PIN (RS485, RS422) 1× 10-PIN 2 digital inputs (1 dry contact, 1 isolated) 1 open-collector output with external power 1 relay output (NO/C), and 1 analog input (voltage or 4–20 mA current)
Antennas	2× SMA (Cellular) 1× RP-SMA (Wi-Fi)	2× SMA (Cellular) 2× RP-SMA (Wi-Fi)
Power Interface	2-PIN	1× DC Jack, 1× 4-PIN for Power and Ignition Sensing
Power Methods	5-35V DC	DC, Passive PoE, or 802.3at/af PoE
VPN	Zerotier/Wireguard/OpenVPN/IPSec/L2TP/PPTP	
Working Modes	Cellular Router, Router (WAN as main, 4G/5G as backup), WISP	
Device Management	TR069/TR098/TR111/TR181	

Common Features

IP30, Metal Housing with DIN-Rail Kit
-40~75°C Working Temperature

Shielded Ethernet Ports
±6kV Surge Resistant

Polarity Reverse Protection
Short Circuit Protection
Broadcast Storm Prevention



Build Up Interconnectivity

for the Industrial World



Models	IF1005	IF1008	IG1005	IG1008	IG1005ES1	IG1008ES2
RJ45 Ports	5× FE	8× FE	5× GbE	8× GbE	5× GbE	8× GbE
SFP/SFP+ Slots	-	-	-	-	1× SFP	2× SFP
Power	Dual 2-PIN DC, Dual Redundancy					
DIP Switches	VLAN on/off, Extend on/off, BSP on/off				Web On/Off, VLAN On/Off, BSP On/Off	
L2 Featuers	-				Light-Management Features	

Go to page 30 for detailed management features list.



Models	IF1005P	IF1008P	IG1005P	IG1008P	IG1005EPS1	IG1008EPS2
RJ45 Ports	5× FE	8× FE	5× GbE	8× GbE	5× GbE	8× GbE
SFP/SFP+ Slots	-	-	-	-	1× SFP	2× SFP
PoE+ Ports	1-4	1-8	1-5	1-8	1-4	1-8
Power	Dual 2-PIN DC, Dual Redundancy					
DIP Switches	VLAN on/off, Extend on/off, BSP on/off				Web On/Off, VLAN On/Off, BSP On/Off, Watchdog On/Off	
L2 Featuers	-				Light-Management Features	

Go to page 34 for detailed management features list.

Common Features

IP40, Metal Housing with DIN-Rail Kit
-40~70°C Working Temperature

Shielded Ethernet Ports
±6kV Surge Resistant

Polarity Reverse Protection
Short Circuit Protection
Broadcast Storm Prevention

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1. Maximum signal rates are the physical rates derived from IEEE 802 specifications. Actual data throughput, coverage, and quantity of connected devices are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection, quality, and client condition.

2. Use of Wi-Fi 7, 320 MHz, WPA3, MLO, MU-MIMO, OFDMA, DL/UL MU-MIMO, and DL/UL OFDMA requires client devices to also support corresponding features.

3. Power delivery function requires the powered device to match the corresponding power standards and output wattage.