HUAWEI eKit SME NetWork

Scenario-based Products Manual

April 2024
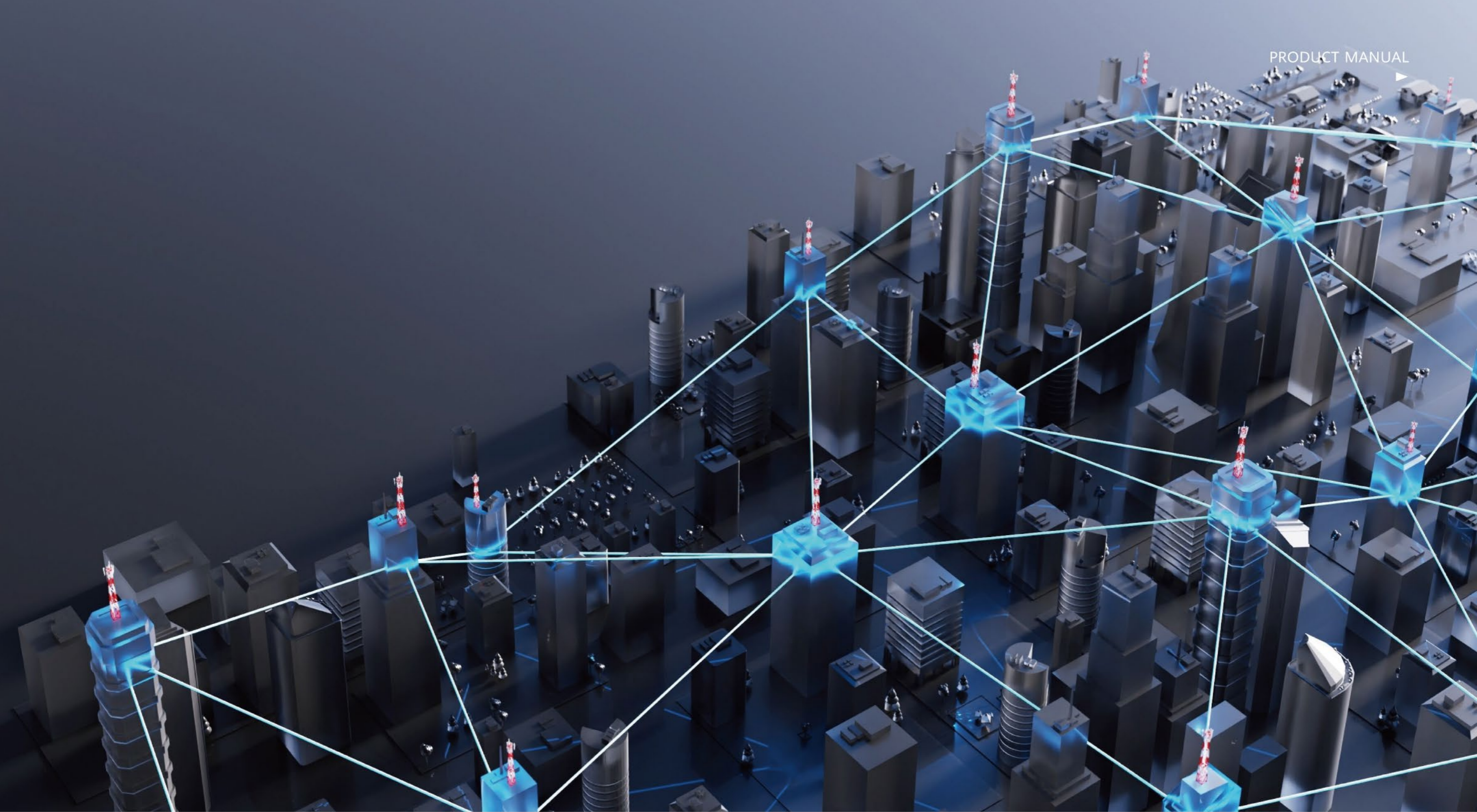
CONTENTS

01

SME Network

Smart SME Office Network
A Premium Office Network Is Key to Productivity.

Scenario Analysis

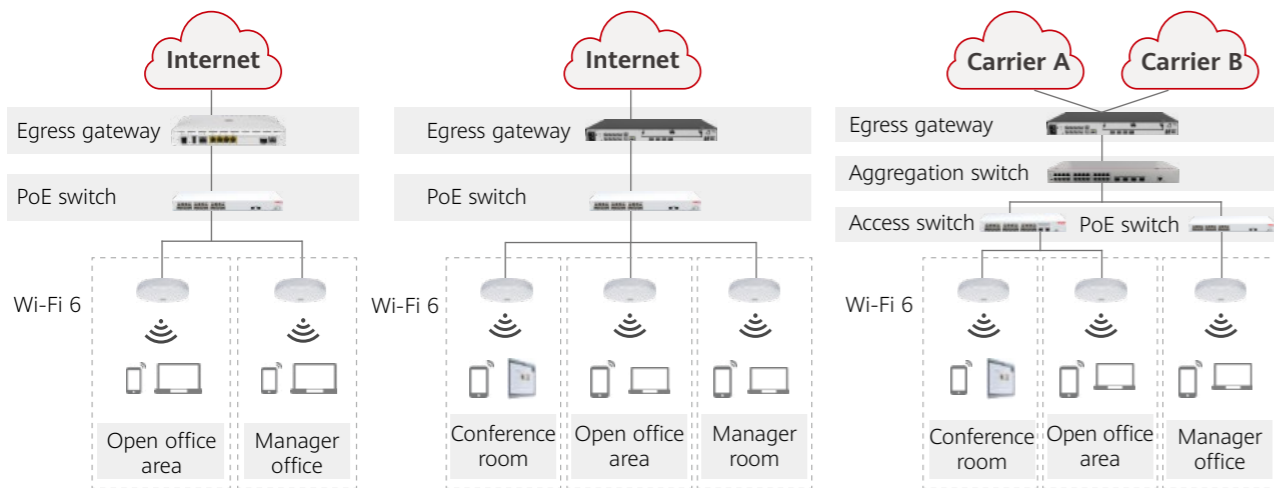**A stable and speedy office network is a must-have.**

Internet access must be secure and well-regulated.

Simple deployment and O&M are required, due to a lack of dedicated IT staff.

Scenario-based Product Portfolio

Internet

Egress gateway

PoE switch

Wi-Fi 6

Open office area | Manager office

Small and micro enterprise office network (< 20 users)

Internet

Egress gateway

PoE switch

Wi-Fi 6

Conference room | Open office area | Manager room

Small enterprise office network (20-100 users)

Carrier A   Carrier B

Egress gateway

Aggregation switch

Access switch   PoE switch

Wi-Fi 6

Conference room | Open office area | Manager office

Midsize enterprise office network (100-300 users)

Scenario-based typical configuration		Small and Micro Enterprise Office Network (< 20 Users)		Small Enterprise Office Network (20-100 Users)		Midsize Enterprise Office Network (100-300 Users)	
		Device Model	Quantity	Device Model	Quantity	Device Model	Quantity
	Egress gateway	S380-L4T1T	1	S380-S8T2T	1	AR720	1
	Security	/	/	/	/	USG6000E-S13	1
	Aggregation switch	/	/	S220-24T4X	1	S310-24T4X	1 or 2
	Access switch	/	/	/	/	S220-48T4S	3–6
	PoE switch	S110-24LP2SR	1	S110-24LP2SR	2	S220-48P4S	3
	High-density AP	/	/	/	/	AP661	1
	Settled AP	AP361	2	AP362	8	AP362	10-30
	Wall plate AP	AP160/AP263	1	AP160/AP263	2	AP263	5–10

Product Portfolio Highlights

Unique technology for high-quality wireless networks
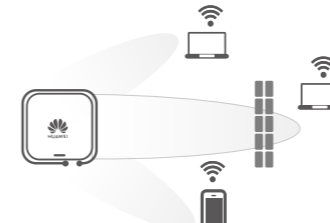
- Smart antennas: one more wall penetrated
- OFDMA and MU-MIMO joint scheduling: 20%+ higher bandwidth

Perpetual PoE for always-on power supply

- The switch supports perpetual PoE, which provides uninterrupted power to connected cameras even when the switch is rebooting. This ensures always-on cameras.

Simplified deployment and O&M with the HUAWEI eKit App

- Network-wide deployment in minutes by scanning one device code
- Wi-Fi auto-optimization for always-optimal performance

User Benefits

High-quality Wi-Fi 6 network	• Wi-Fi 6 APs have smart antennas inside, providing always-on signals for users and offering a 20% greater coverage range. • OFDMA and MU-MIMO joint scheduling enables 20% higher bandwidth in multi-user scenarios than the industry average.
Always-optimal wireless network	• The Wi-Fi network is auto-optimized at scheduled time every day to keep Wi-Fi in its best state.
Internet access management	• The AR converged gateway integrates Internet access management, making sure that employees focus on their work during on-duty time.
Always-on video security	• The switch supports perpetual PoE, providing uninterrupted power to connected cameras even when the switch is rebooting. • This ensures always-on cameras for campus security around the clock.
Data security	• WPA3 with the 192-bit security mode greatly enhances encryption and ensures user data security.

Success Story

Network transformation and upgrade at a company

Improve the office network topology to facilitate management and capacity expansion.

Optimize the wireless network performance to improve the work efficiency of employees.

Enhance network security and effectively authenticate internal and external users.

Device Type	Converged gateway	Core switch	Access switch	PoE switch	Wall plate AP	Ceiling-mounted AP
Device Model	S380	S310-24T4S	S110-24T2SR	S220-48P4S	AP263	AP362

Ultra-Stable Commercial Store Network

A Stable Store Network Is a Competitive Edge.

Scenario Analysis

A stable network is required to ensure payment success every time and at a low latency.
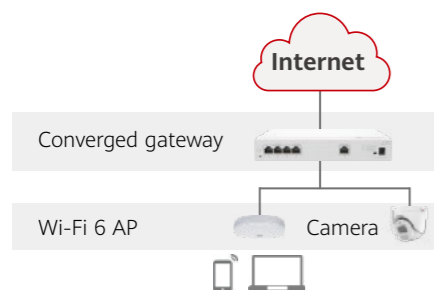
The network must centrally support and isolate multiple services (e.g., cashiering, video security, and guest Wi-Fi).
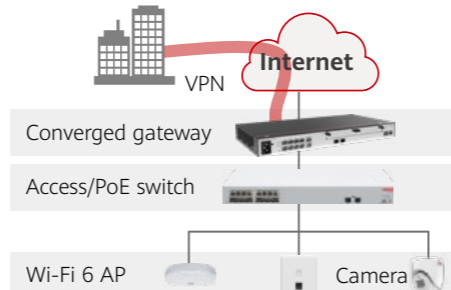
Network configuration and O&M must be simple.

Scenario-based Product Portfolio

Small store network

Internet

Converged gateway

Wi-Fi 6 AP   Camera

Device Type	Device Model	Quantity
Egress gateway	S380-L4P1T/S380-S8P2T	1
Wi-Fi 6 AP	AP361	1

Midsize/Large store network

VPN   Internet

Converged gateway

Access/PoE switch

Wi-Fi 6 AP   Camera

Device Type	Device Model	Quantity
Egress gateway	AR720	1
Access switch	S220-48T4S	1
PoE switch	S220-48P4S	1 or 2
Wi-Fi 6 AP	AP362	10-30

Product Portfolio Highlights

The S380 high-performance multi-service gateway offers a 2-time faster forwarding speed and ensures smooth HD videos on 100 channels.

The S110 offers DIP switch modes to easily isolate cashiering, video security, and guest Wi-Fi networks.

Wi-Fi 6 APs have smart antennas inside, providing always-on signals for users and offering a 20% greater coverage range.

User Benefits

High-quality wireless network

The superfast Wi-Fi 6 network features zero packet loss during roaming, provides always-on signals for users, and offers a 20% greater coverage range.

Multi-network convergence

Multiple networks are converged into one for easier deployment and lower costs, while also securely isolated through DIP switch modes.

Easy O&M

The HUAWEI eKit App supports barcode scanning–based deployment and remote O&M, achieving hassle-free store network rollout.

Success Story

Bandwidth limiting and Internet access control: Internet access bandwidth of terminals is managed for key service experience assurance.

Egress security protection: The gateway integrates the intrusion prevention system (IPS) and antivirus (AV) functions to protect the network security of dealerships.

Simplified O&M: Network visibility on the cloud enable network management anytime, anywhere.
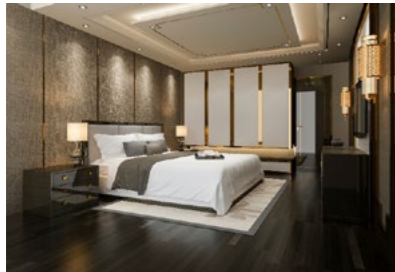
A supermarket	Device Type	Converged gateway	Core switch	Access switch	PoE switch	Wall plate AP	Ceiling-mounted AP
	Device Model	AR720	S310-24T4S	S220-48T4S	S220-48P4S	AP263	AP362

Ultra-High-Speed Hotel Network

Scenario Analysis

**Requirement 1:
smooth Internet access
experience at guest rooms**

Good Wi-Fi experience, no
awareness of handover

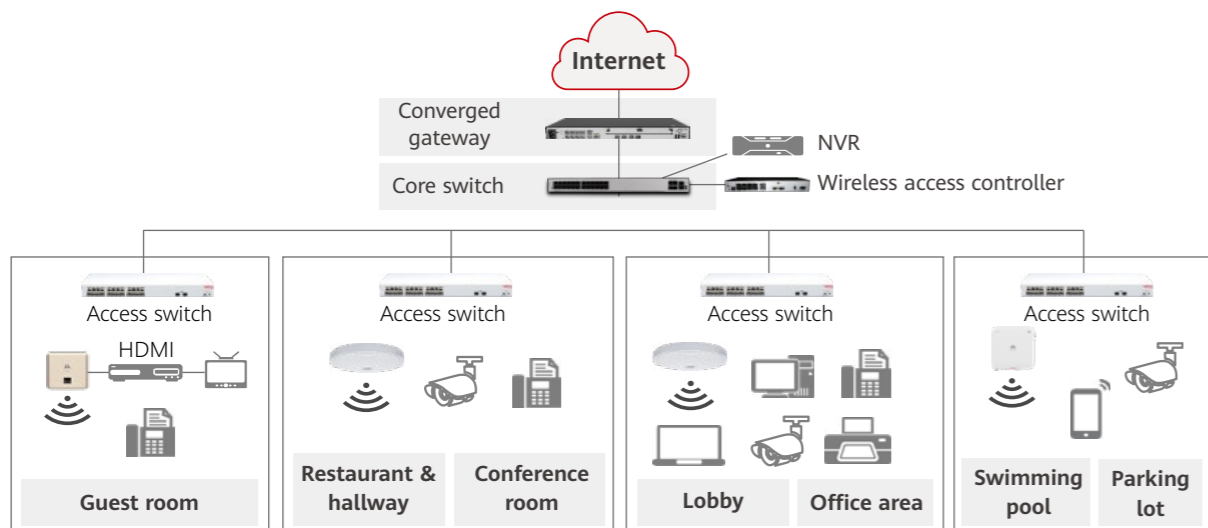**Requirement 2: always-on
video security**

Interruption-free security
terminals (e.g., cameras)

**Requirement 3: flexible
user authentication &
management**

Portal authentication for
guest access

Scenario-based Product Portfolio

Internet

Converged gateway

NVR

Core switch

Wireless access controller

Access switch — HDMI — **Guest room**

Access switch — **Restaurant & hallway** | **Conference room**

Access switch — **Lobby** | **Office area**

Access switch — **Swimming pool** | **Parking lot**

**Bed and breakfast (B&B) network
(< 30 rooms)**

Device Type	Device Model	Quantity
Converged gateway	S380-H8T3ST	1
Aggregation switch	\	\
Access switch	S110-24T2SR	1
PoE switch	S110 -24LP2SR	3
Settled AP	AP361	4
Wall plate AP	AP160/AP263	30
Outdoor AP	AP761	On demand

**Non-star-rated hotel network
(< 100 rooms)**

Device Type	Device Model	Quantity
Converged gateway	AR720	1
Wireless access controller	AC650-128AP	1
Aggregation switch	S220-24T4X	1
Access switch	S110-24T2SR	3
PoE switch	S110-24LP2SR	12
Settled AP	AP361	6
Wall plate AP	AP160/AP263	100
Outdoor AP	AP761	On demand

**Star-rated hotel network
(> 100 rooms)**

Device Type	Device Model	Quantity
Converged gateway	AR730	1
Aggregation switch	S310-24T4X	1 or 2
Wireless access controller	AC650-256AP	1
Access switch	S220-48T4S	6
PoE switch	S110-24LP2SR	24
High-density AP	AP661	3
Settled AP	AP362	> 10
Wall plate AP	AP160/AP263	> 100
Outdoor AP	AP761	On demand

Product Portfolio Highlights

High bandwidth	**High concurrency**	**Low latency**
• **Scenarios:** hotels requiring bandwidth of higher than 500 Mbps • **Advantage:** Typically, Wi-Fi 5 APs cannot offer 500 Mbps, which is a waste of resources. However, Wi-Fi 6 APs can normally provide 800 Mbps to 900 Mbps.	• **Scenarios:** high-density areas such as the hotel lobby, hotel conference room, restaurant, bar, and karaoke box • **Advantage:** In these scenarios, many guests use Wi-Fi at the same time. Due to limited performance and small user capacity, Wi-Fi 5 affects the cashiering service and user experience.	• **Scenarios:** Guests require low network latency to play online games or have video conferences. • **Advantage:** Wi-Fi 6 ensures smooth gaming and video conferencing experience.

User Benefits

| **High-quality Wi-Fi 6 network**	Wi-Fi 6 APs have smart antennas inside, providing always-on signals for users and offering a 20% greater coverage range. • OFDMA and MU-MIMO joint scheduling enables 20% higher bandwidth in multi-user scenarios than the industry average.
Always-optimal wireless network	• The Wi-Fi network is auto-optimized at scheduled time every day to keep Wi-Fi in its best state.
Bandwidth limiting and Internet access management	• Internet access bandwidth management is performed on terminals for key service experience assurance, thereby ensuring guests' Internet access experience is not affected.
Always-on video security	• The switch supports perpetual PoE, providing uninterrupted power to connected cameras even when the switch is rebooting. • This ensures always-on cameras for campus security around the clock.
Intelligent O&M	• HUAWEI eKit App can perform remote and visualized O&M on network devices and supports one-click wireless network optimization.

Success Story

A Resort Hotel
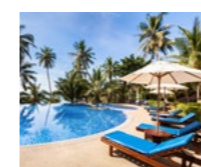
Multiple service systems of the hotel are carried in a unified manner, and services are isolated to reduce costs.

Based on the principle of "experience first", Internet access and smart services come with real-time assurance, and network security is guaranteed.

The remote location of the hotel requires graphical intelligent O&M to reduce fault rectification time and improve efficiency.

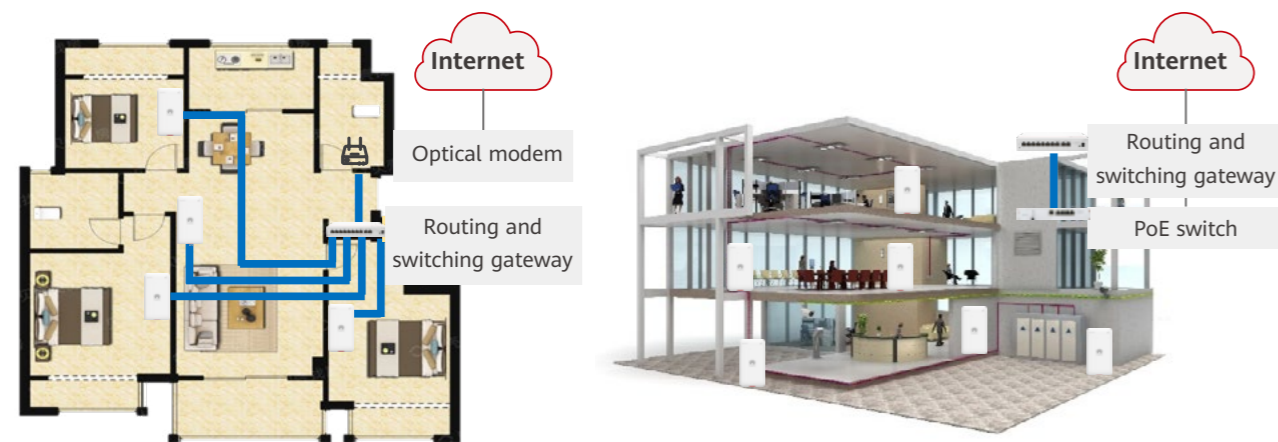| Device Type	Converged gateway	Core switch	Access switch	PoE switch	Wall plate AP	Ceiling-mounted AP
Device Model	AR730	S310-24T4X	S220-48T4S	S220-48P4S	AP263	AP362
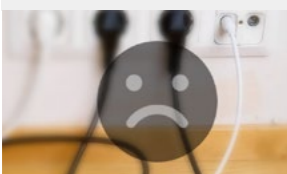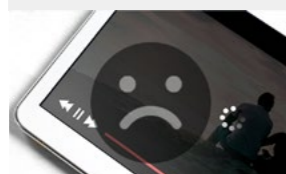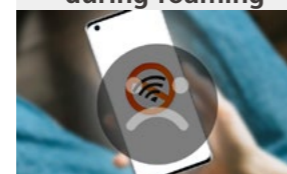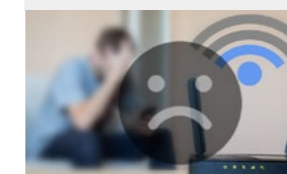
Ultra-Simplified Commercial Real Estate Network

Scenario Analysis

Commercial real estate needs an atheistic, fast, stable and easy wireless network.

Lack of aesthetics

- Difficult to match the decoration style
- Disordered cabling, poor aesthetics

Slow wireless network

- Weak signals at corners
- Poor video and gaming experience

Frequent disconnection during roaming

- Unstable STA roaming
- Frequent disconnection upon roaming

Complex provisioning

- Difficult installation, damage to decoration
- Complex commissioning, heavy reliance on product manuals

Scenario-based Product Portfolio

Internet

Optical modem

Routing and switching gateway

Internet

Routing and switching gateway

PoE switch

Scenario-based typical configuration

Single-story house network

Device Type	Device Model	Quantity
Routing and switching gateway	S380-S8P2T	1
Wi-Fi 6 AP	AP160/AP263	6

200 m2, 4 bedrooms and 2 living rooms

Multi-story house (villa) network

Device Type	Device Model	Quantity
Routing and switching gateway	S380-S8T2T	1
PoE switch	S110-24LP2SR	1
Wi-Fi 6 AP	AP361	4
Wi-Fi 6 AP	AP160/AP263	8
Wi-Fi 6 AP	AP761	1

4-story villa: 6 bedrooms, 3 living rooms, 1 exercise room, 1 garage

Product Portfolio Highlights

Ultra-thin wall plate AP: a perfect mix of technology and aesthetics

- Only 8 mm thick, crafted edges, and multi-color options with sleek and aesthetic design
- 360° omnidirectional heat dissipation, never-overheated comfortable shell, never color change

Smart antenna for full coverage without blind spots

- Dual-polarized high-performance smart antennas
- Always-on signals for users, 20% wider coverage range
- More focused signals, one more wall penetrated

Converged gateway for fast, secure Internet access

- Up to 2 Gbps bandwidth, zero-wait fast Internet access
- All-in-one device (routing + switching + PoE + wireless AC)

User Benefits

Multi-color selection, ultra-thin body, and impressive aesthetics

Ubiquitous wireless coverage, strong signals, and one more wall penetrated

All-in-one high-performance gateway for fast Internet access

Success Story

Wireless coverage in a villa (Jinan, China)

High-quality Wi-Fi 6 network:

- 3000 Mbps bandwidth for fast network speed, good experience, and video download in seconds
- Built-in smart antennas for always-on signals for users
- AI roaming for uninterrupted network connections or videos
- 3-network integration (Internet access + video security + IPTV)

Device Type	Converged gateway	Core switch	Access switch	PoE switch	Wall plate AP	Ceiling-mounted AP
Device Model	S380-S8T2T	S110-24T2SR	S110-24LP2SR	AP263	AP362	S380-S8T2T

Smart Factory/Warehouse Network

Scenario Analysis

Large-sized common warehouse
- High storage racks with many goods, severe signal shielding between aisles
- Always-on handheld terminals during user mobility, seamless roaming

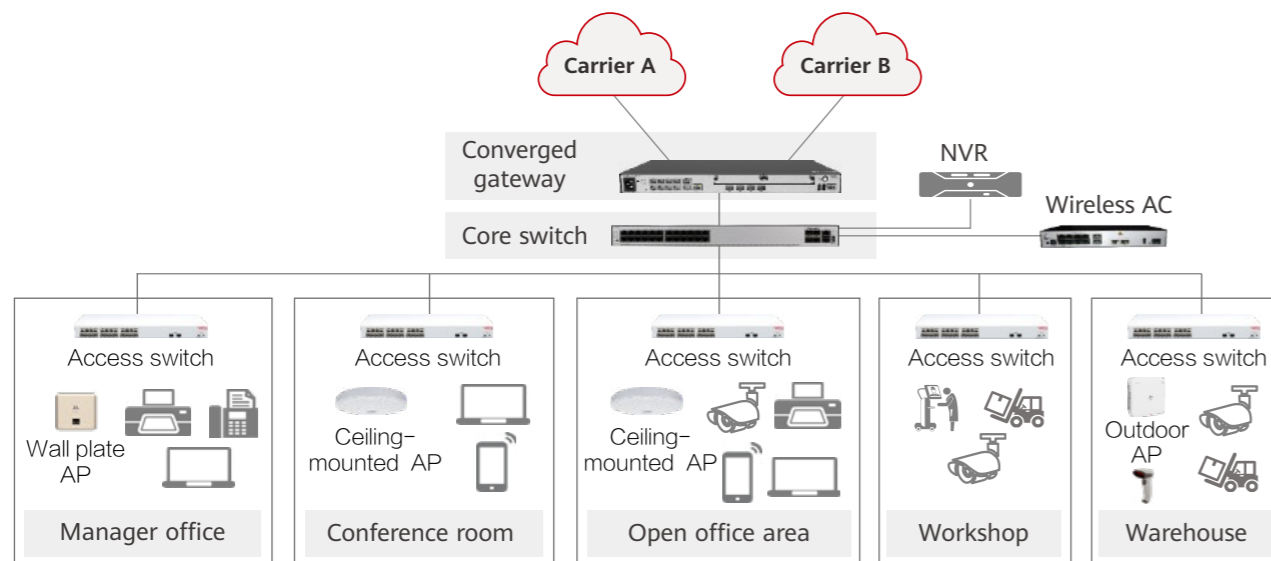**Cold storage warehouse for fresh products**
- Adaptation to harsh operating temperature and humidity
- Normal working at low temperatures, IP68 protection

Smart warehousing
- Fast-moving AGVs
- Seamless roaming, zero packet loss
- RFID IoT asset management

Scenario-based Product Portfolio

Carrier A   Carrier B

Converged gateway
NVR
Core switch
Wireless AC

Access switch — Wall plate AP — **Manager office**
Access switch — Ceiling-mounted AP — **Conference room**
Access switch — Ceiling-mounted AP — **Open office area**
Access switch — **Workshop**
Access switch — Outdoor AP — **Warehouse**

Scenario-based typical configuration

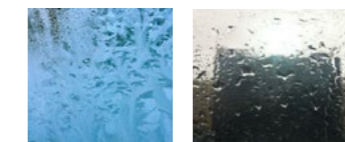| Deployment Location	Device Type	Device Model	Quantity
Internet egress	Converged gateway	AR720	2
Core layer	Switch	S310-24T4X	1 or 2
Core layer	Wireless access controller	AC650-128AP	1
Access layer	Switch	S220-48T4S	2
Access layer	Switch	S220-48P4S	3
AP	Settled AP	AP361	10-15
AP	Wall plate AP	AP160/AP263	5
AP	High-density AP	AP661	3-5
AP	Outdoor AP	AP761	4-6

Product Portfolio Highlights

Smart roaming for zero disconnections during mobility
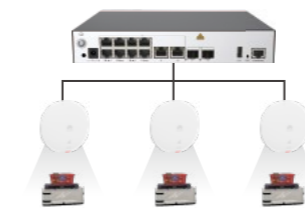
Each terminal accesses the network from the AP with the best signal and enjoys the best throughput.

Long-term stability in harsh environments due to extended temperature range, waterproof, and dustproof design
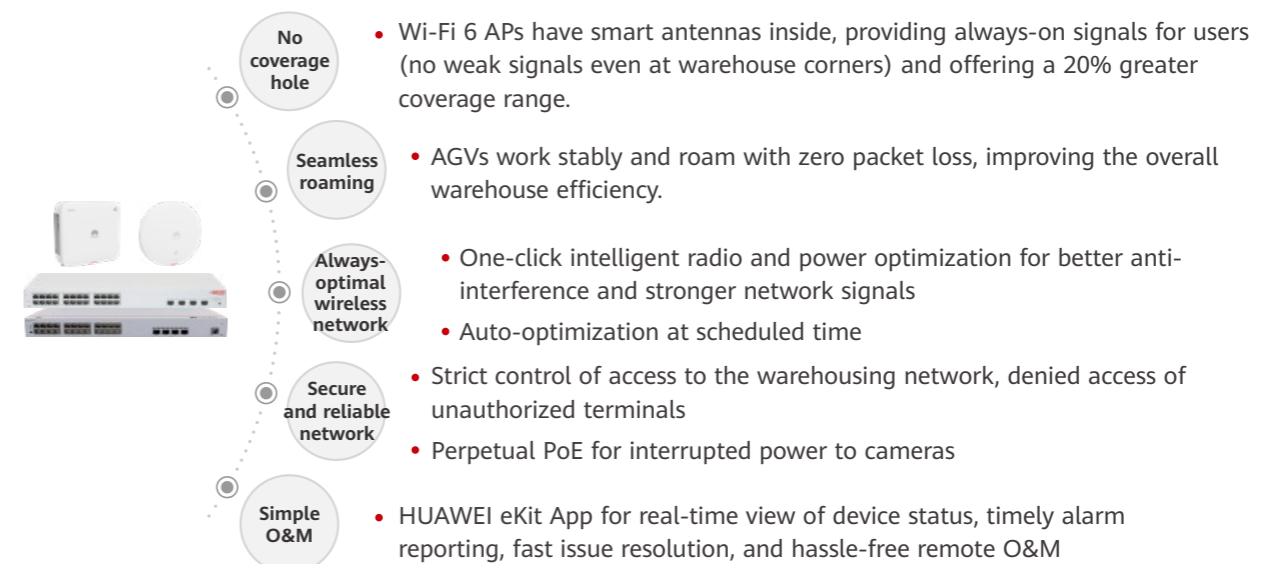- Normal working at -40°C to +65°C
- IP68 dustproof and waterproof

Network security and reliability

Blocklists/Trustlists and isolation policies are set to prevent unauthorized access to the warehouse and production network for robust security and reliability.

User Benefits

- **No coverage hole** • Wi-Fi 6 APs have smart antennas inside, providing always-on signals for users (no weak signals even at warehouse corners) and offering a 20% greater coverage range.

- **Seamless roaming** • AGVs work stably and roam with zero packet loss, improving the overall warehouse efficiency.

- **Always-optimal wireless network** • One-click intelligent radio and power optimization for better anti-interference and stronger network signals
  • Auto-optimization at scheduled time

- **Secure and reliable network** • Strict control of access to the warehousing network, denied access of unauthorized terminals
  • Perpetual PoE for interrupted power to cameras

- **Simple O&M** • HUAWEI eKit App for real-time view of device status, timely alarm reporting, fast issue resolution, and hassle-free remote O&M

Success Story

A motor R&D and production base
- Easy to use, fast deployment, and simplified O&M
- High quality, high performance, and significant energy savings
- Wi-Fi 6 smart antenna technology for high bandwidth and low latency; soft handover algorithm, intelligent application acceleration, and AP load sharing for wireless experience assurance

Device Type	Converged gateway	Core switch	Aggregation switch	Access switch	Wireless AC	Wall plate AP	Ceiling-mounted AP
Device Model	AR720	S310-24T4X	S310-24T4S	S220-48T4S/48P4S	AC650-128AP	AP263	AP362

Green and Secure Primary and Secondary Education Network

Scenario Analysis

Kindergarten   **Primary school**   **Secondary school**

Office scenario	Public areas such as auditoriums and entrance halls	Teaching scenario	Video security scenario	Outdoor sports field and parking lot
The network must be smooth and secure, fending off virus infection during the download of course resources from the Internet or USB flash.	Wireless coverage must be ubiquitous without blind spots in public areas such as auditoriums and entrance halls.	High-density access must be smooth and secure in any scenario, including ordinary classrooms (secure Internet access for teachers and unified wireless access of multimedia devices), e-schoolbag scenarios (wireless access for 50–60 concurrent users), and digital reading rooms (denied access to illegal websites).	The network needs to be stable to ensure always-on video security with a large number of cameras. Doing so can effectively trace campus-wide security incidents if any.	The network must work stable for a long time in outdoor harsh environments (with strong sunlight and heavy rain) like the sports field, outside the teaching buildings, and parking lots.

Scenario-based Product Portfolio

Internet Education MAN NVR
Converged gateway
Core switch WLAN AC
In-building aggregation switch In-building aggregation switch In-building aggregation switch Access switch
Access switch Access switch Outdoor AP
AP AP
Teacher's office   Classroom & auditorium   Sports field & parking lot   Video security
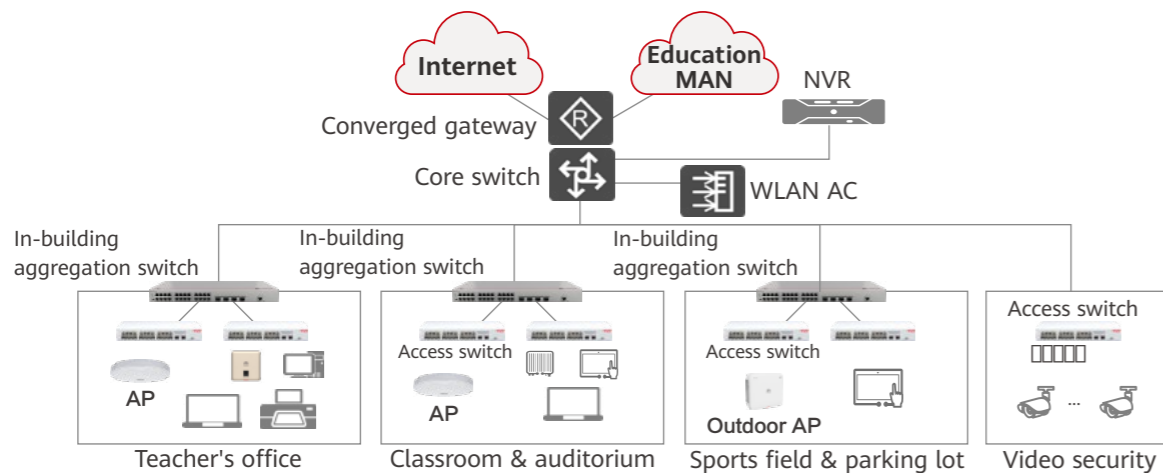
Secondary school campus network

Device Type	Device Model	Quantity
Converged gateway	AR720	1
Core switch	S310-24T4X	1 or 2
Wireless AC	AC650-128AP	1
Aggregation switch	S220-24T4X	2
Access switch	S220-48T4S	4
Video security-tailored switch	S110-16LP2SR	8
PoE switch	S110-16LP2SR	8
Settled AP	AP361	50
High-density AP	AP661	8
Wall plate AP	AP160/AP263	6
Outdoor AP	AP761	4

Primary school campus network

Device Type	Device Model	Quantity
Converged gateway	AR720	1
Core switch	S310-24T4X	1
Wireless AC	AC650-128AP	1
Aggregation switch	S220-24T4X	2
Access switch	S220-48T4S	4
Video security-tailored switch	S110-16LP2SR	8
PoE switch	S110-16LP2SR	8
Settled AP	AP362	50
Settled AP	AP361	8
Wall plate AP	AP160/AP263	6
Outdoor AP	AP761	4

Kindergarten network

Device Type	Device Model	Quantity
Converged gateway	AR720	1
Core switch	S310-24T4X	1
Access switch	S220-48T4S	3
Video security-tailored switch	S110-16LP2SR	3
PoE switch	S110-16LP2SR	3
Settled AP	AP361	15
Wall plate AP	AP160/AP263	3

*The actual device quantity is determined according to the actual project.

Product Portfolio Highlights

Wi-Fi auto-optimization for always-optimal wireless coverage

Go to the service page, tap a project, and select Wi-Fi Optimization.   Scheduled optimization

Perpetual PoE for always-on power supply

The switch supports perpetual PoE, which provides uninterrupted power to connected cameras even when the switch is rebooting. This ensures always-on cameras.

Well-regulated Internet access

The converged gateway supports over 6000 protocols and applications and enables application access control (e.g., prohibiting game playing or VoD in a specific period of time).

User Benefits

High-quality Wi-Fi 6 network	Wi-Fi 6 APs have smart antennas inside, providing always-on signals for users and ensuring no weak signals even at corners of classrooms and offices.
Always-optimal wireless network	The Wi-Fi network is auto-optimized at scheduled time every day to keep Wi-Fi in its best state.
Secure and reliable network	The gateway integrates IPS, antivirus, and other security functions to ensure campus-wide Internet access security. If more advanced security functions are required, a firewall can be deployed.
Always-on video security	The switch supports perpetual PoE, providing uninterrupted power to connected cameras even when the switch is rebooting. This ensures always-on cameras for campus security around the clock.
Energy saving	The switch supports port hibernation in idle hours and dynamic fan speed adjustments, conserving more than 30% energy.

Success Story

A primary school in Tai'an

Egress security protection: The gateway integrates IPS, antivirus, and other security functions to ensure campus-wide Internet access security.

Perpetual PoE: When the switch is rebooting, the power to connected cameras is uninterrupted for always-on video security.

Port hibernation and intelligent fan speed adjustment on the switch: 30%+ lower energy consumption

Device Type	Converged gateway	Aggregation switch	Access switch	Wireless AC	Wall plate AP	Ceiling-mounted AP
Device Model	AR720	S310-48T4X	S220-48T4S/48P4S	AC650-128AP	AP263	AP362

High-Reliability Community Hospital and Clinic Network

Scenario Analysis

Lobby & nurse station	Consulting room & ward	Office & conference room

- Difficult to match the decoration style
- Disordered cabling, poor aesthetics

- Unstable roaming during ward rounds with PDAs
- Frequent disconnection during mobility

- Weak signals in corners
- Poor video conference experience

Scenario-based Product Portfolio

Internet

Egress gateway

Access switch / Access switch

Wi-Fi 6

Lobby @ ward / Consulting room & office

Internet

Egress gateway

Firewall

Core switch

Wireless AC

Access switch / Access switch / Access switch

Wi-Fi 6

Lobby @ ward / Consulting room & office / Outdoor public area

Clinic network

Deployment Location	Device Type	Device Model	Quantity
Internet egress	Converged gateway	S380-S8T2T	1
Access layer	Access switch	S110-24T2SR	1
	PoE access switch	S110-16LP2SR	1
Wireless	Settled AP	AP361	3–5
	Wall plate AP	AP160/AP263	5–10

Community hospital network

Deployment Location	Device Type	Device Model	Quantity
Internet egress	Converged gateway	AR730	1
Security	Firewall	USG6000E-S03	1
Core layer	Switch	S310-24T4X	2
	Wireless AC	AC650-256AP	1
Access layer	Access switch	S220-48T4S	On demand
	PoE access switch	S110-24LP2SR	On demand
Wireless	Settled AP	AP362	On demand
	Wall plate AP	AP160/AP263	On demand
	Outdoor AP	AP761	On Demand

Product Portfolio Highlights

How to ensure secure data transmission when healthcare institutions are fully interconnected?
IPsec VPN, achieving secure communication between sites

1. IPsec VPN: securely connects the hospital HQ, branch hospitals, and community hospitals.
2. 0Huawei-unique DSVPN: enables sites to directly communicate with each other.

How to protect personnel privacy, such as diagnosis and treatment information?
Intrusion Prevention System (IPS), protecting your network

1. Prevention of Trojan horses, worms, and viruses in real time to protect network security.
2. The AR integrates the intrusion prevention function, saving the need to deploy related devices, reducing investment costs.
3. The IPS signature database supports real-time local and online update.
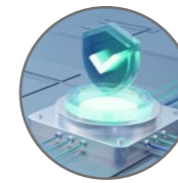
What can I do if a virus spreads through emails or file downloads?
Antivirus, protecting your network

1. Antivirus: identifies and processes virus files to protect network security.
2. The AV function is free of charge. You can also access the security center platform for real-time update.
3. Fast content detection supported for files, which is fast and with low performance consumption.

How to ensure the quality of video invoking for consultation and video security?
WAN optimization, ensuring key services

1. Multi-feed and selective receiving: ensures reliability of key services.
2. Load balancing: helps to properly utilize the bandwidth of multiple links.
3. The multi-feed and selective receiving, and load balancing functions are free of charge.

User Benefits

High quality wireless network
- Superfast Wi-Fi 6 with 3000 Mbps
- Smart antennas: one more wall penetrated with no blind spots

Online behavior management
- Converged online behavior management
- Network access bandwidth guarantee for VIP users

Security protection
- Integrates security functions (such as intrusion prevention detection and antivirus), providing proactive and real-time protection

Success Story

A hospital in Jinan Experience: Guest terminals can access the network anytime, and online registration payment is efficient and stable.

Management: Multi-network convergence ensures stable and worry-free running of hospital services. The network is scalable with reduced TCO.

Security: End-to-end network-wide security protection, refined management and control of users and services, implementing network-wide security and complying with related security standards.
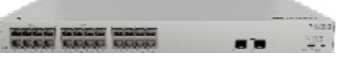
Device Type	Converged gateway	Aggregation switch	Access switch	Wireless AC	Wall plate AP	Ceiling-mounted AP
Device Model	AR730	S310-24T4X	S220-48T4S/48P4S	AC650-128AP	AP263	AP362

SME Network Portfolio — Switch

S110 series unmanaged switches

S110-8P2ST

- 8 x GE Copper + 1 x GE optical port + 1 x GE Copper
- PoE power: 124 W
- Switching capacity: 20 Gbps
- Forwarding Performance: 14.88 Mpps

S110-16LP2SR

- 16 x GE Copper + 2 x GE SFP
- PoE power: 124 W
- Switching capacity: 36Gbps
- Forwarding Performance: 26.78Mpps

S110-24T2SR

- 24 x GE Copper + 2 x GE SFP
- Switching capacity: 52 Gbps
- Forwarding Performance: 38.69 Mpps

S110-24LP2SR

- 24 x GE Copper + 2 x GE SFP
- PoE power: 247 W
- Switching capacity: 52 Gbps
- Forwarding Performance: 38.69 Mpps

S220 series fully-managed switches

S220-24T4X

- 24 x GE Copper + 4 x 10GE SFP+
- Switching capacity: 336 Gbps
- Forwarding Performance: 108 Mpps

S220-24P4X

- 24 x GE Copper + 4 x 10GE SFP+
- PoE power: 400 W
- Switching capacity: 336 Gbps
- Forwarding Performance: 108 Mpps

S220-48T4S

- 48 x GE Copper + 4 x GE SFP
- Switching capacity: 432 Gbps
- Forwarding Performance: 108 Mpps

S220-48P4S

- 48 x GE Copper + 4 x GE SFP
- PoE power: 380 W
- Switching capacity: 432 Gbps
- Forwarding Performance: 108 Mpps

S220-48T4X

- 48 x GE Copper + 4 x 10GE SFP+
- Switching capacity: 432 Gbps
- Forwarding Performance: 144 Mpps

S220-48P4X

- 48 x GE Copper + 4 x 10GE SFP+
- PoE power: 380 W
- Switching capacity: 432 Gbps
- Forwarding Performance: 144 Mpps

S310 series fully-managed switches

S310-24T4S

- 24 x GE Copper + 4 x GE SFP
- Switching capacity: 56Gbps
- Forwarding Performance: 42Mpps

S310-24P4S

- 24 x GE Copper + 4 x GE SFP
- PoE power: 400 W
- Switching capacity: 56Gbps
- Forwarding Performance: 42Mpps

S310-24T4X

- 24 x GE Copper + 4 x 10GE SFP+
- Switching capacity: 336 Gbps/3.36 Tbps
- Forwarding Performance: 108 Mpps/126 Mpps

S310-24P4X

- 24 x GE Copper + 4 x 10GE SFP+
- PoE power: 400 W
- Switching capacity: 336 Gbps/3.36 Tbps
- Forwarding Performance: 108 Mpps/126 Mpps

S310-48T4S

- 48 x GE Copper + 4 x GE SFP
- Switching capacity: 432 Gbps/4.32 Tbps
- Forwarding Performance: 108 Mpps/166 Mpps

S310-48P4S

- 48 x GE Copper + 4 x GE SFP
- PoE power: 380 W
- Switching capacity: 432 Gbps/4.32 Tbps
- Forwarding Performance: 108 Mpps/166 Mpps

S310-48T4X

- 48 x GE Copper + 4 x 10GE optical ports
- Switching capacity: 432 Gbps/4.32 Tbps
- Forwarding Performance: 144 Mpps/166 Mpps

S310-48P4X

- 48 x GE Copper + 4 x 10GE optical ports
- PoE power: 380 W
- Switching capacity: 432 Gbps/4.32 Tbps
- Forwarding Performance: 144 Mpps/166 Mpps

S380 series multi-service gateways

S380-L4T1T

- 1 x GE Copper WAN + 4 x GE Copper LAN
- Number of Clients: 200
- Switching Capacity: 8Gbps
- Forwarding Performance: 420Kpps
- Number of managed Aps: 32

S380-L4P1T

- 1 x GE Copper WAN + 4 x GE Copper LAN
- Number of Clients: 200
- Switching Capacity: 8Gbps
- Forwarding Performance: 420Kpps
- Number of managed Aps: 32 PoE power: 50W

S380-S8T2T

- 2 x GE Copper WAN + 8 x GE Copper LAN
- Number of Clients: 300
- Switching Capacity: 16Gbps
- Forwarding Performance: 420Kpps
- Number of managed Aps: 64

S380-S8P2T

- 2 x GE Copper WAN + 8 x GE Copper LAN
- Number of Clients: 300
- Switching Capacity: 16Gbps
- Forwarding Performance: 420Kpps
- Number of managed Aps: 64
- PoE power: 124W

S380-H8T3ST

- 1 x GE SFP + 2 x GE Copper WAN + 8 x GE Copper LAN
- Number of Clients: 500
- Switching Capacity: 16Gbps
- Forwarding Performance: 420Kpps
- Number of managed Aps: 64

SME Network Portfolio — WLAN

Wi-Fi 6 series wall plate APs

AP160

- Dimension: 86*86mm
- Data Rate: 1.775Gbps
- Maximum transmit power: 20 dBm
- 2 x GE Copper
- Maximum power consumption: 9.1 W

AP263

- Dimension: 160*86mm
- Data Rate: 2.975Gbps
- Maximum transmit power: 23 dBm
- 2 x GE Copper
- Maximum power consumption: 12 W

Wi-Fi 6 series outdoor AP

AP761

- Data Rate: 1.775 Gbps
- 1 X GE Copper + 1 X GE SFP
- Maximum transmit power: 28 dBm
- Maximum power consumption: 17.7 W
- Operating temperature: –30°C to +65°C

Wi-Fi 6 series settled APs

AP361

- Dimension: 180*35mm
- Data Rate: 1.775 Gbps
- Maximum transmit power: 20 dBm
- 1 x GE Copper
- Maximum power consumption: 8.8 W

AP362

- Dimension: 180*35mm
- Data Rate: 2.975 Gbps
- Maximum transmit power: 20 dBm
- 1 x GE Copper
- Maximum power consumption: 11.2 W

AP661

- Dimension: 180*35mm
- Data Rate: 6.575 Gbps
- Maximum transmit power: 26 dBm
- 1 x 2.5GE Copper + 1 x GE Copper
- Maximum power consumption: 21.2 W

Wi-Fi 6 series settled WAC

AC650-128AP

- 10 x GE Copper + 2 x 10GE SFP+
- Forwarding capability: 10 Gbps
- Maximum number of manageable APs: 128
- Number of wireless access users: 1024

AC650-256AP

- 10 x GE Copper + 2 x 10GE SFP+
- Forwarding capability: 10 Gbps
- Maximum number of manageable APs: 256
- Number of wireless access users: 2048

SME Network Portfolio — Converged Gateway

AR700 series converged gateways

AR720

- 2 x GE Combo WAN + 8 x GE Copper LAN
- Forwarding performance (64-byte): 9 Mpps to 25 Mpps
- Number of Clients: 700
- Maximum power consumption: 20 W

AR730

- 1 x 10GE SFP+ + 2 x GE Combo WAN + 1 x GE combo port + 8 x GE Copper LAN
- Forwarding performance (64-byte): 9 Mpps to 25 Mpps
- Number of Clients: 1200
- Maximum power consumption: 20 W

SME Network Portfolio — Firewall

USG6000E-S Series AI Firewall

USG6000E-S03

- 2*10GE(SFP+) +10*GE
- Desktop model
- Number of clients: 300

USG6000E-S13

- 2*10GE(SFP+) +8*GE Combo+2*GE
- 1U Rack-mounted model
- Number of clients: 400

HUAWEI eKit

The HUAWEI eKit digital platform consists of the HUAWEI eKit website and HUAWEI eKit App. It is a digital distribution platform that integrates **marketing, transaction, service, enablement, and partner operations** for numerous distribution partners and enterprise-level users in the enterprise market.

For Distributors
Build e-commerce-like capabilities of transaction and digital operation

For End Users
Connect ICT products and digitalized requirements

ekit.huawei.com

HUAWEI eKit website

HUAWEI eKit App

HUAWEI

Online Mall
Learn about launched and hot-selling products, query prices and specifications, obtain product documents, and quickly select models.

Product Selection
Select product models through the product library and share your selection list with customers in one click.
(Only on the HUAWEI eKit App)

Online Transaction
Gold DPs can place orders online and view the progress in real time.
(Only on the HUAWEI eKit website)

Simplified Deployment
SOHO /Data Storage/MiniFTTO products can be deployed using the App
Routine O&M operations, such as device configuration and network optimization, can be done with one click
(Only on the HUAWEI eKit App)

Partner Operation
Incentives for partners with details shown, Performance Dashboard with clear visualization, Demand Forecast to maintain supply and demand.
(Only on the HUAWEI eKit website)

HUAWEI

DIGITALIZATION FOR SUCCESS

HUAWEI eKit

HUAWEI

Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base
Bantian, Longgang
Shenzhen 518129
People's Republic of China

Website: https://e.huawei.com