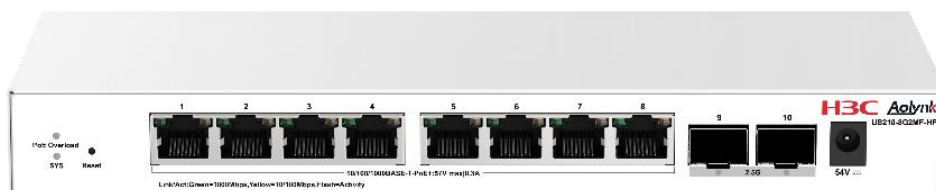


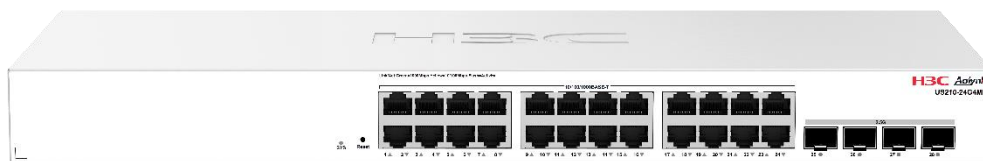
H3C Aolynk US210 Series Ethernet Switch

Product overview

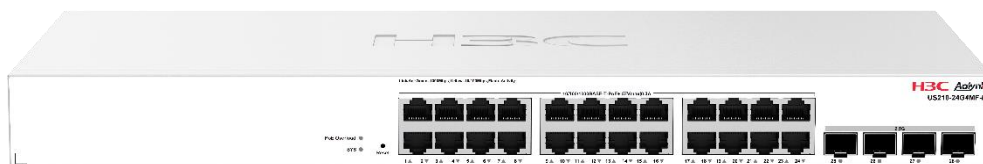
The H3C Aolynk US210 Series Ethernet Switch is a new generation of 2.5G upstream managed switch products launched by New H3C Technologies Co., Ltd. (hereinafter referred to as H3C) for the small and medium business market. It is specifically designed for network scenarios that demand high performance, high upstream rate, and easy deployment. It supports rich service features such as LACP, ACL, and QoS, and provides a variety of free and easy-to-use network management platforms. It is suitable for network construction in industries such as government, small and medium enterprises, education, hotels, and retail chains.



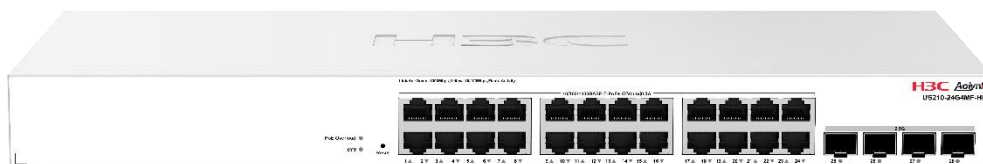
H3C Aolynk US210-8G2MF-HP



H3C Aolynk US210-24G4MF



H3C Aolynk US210-24G4MF-P



H3C Aolynk US210-24G4MF-HP

Product benefits

High availability designs

- Complies with IEEE 802.3, 802.3u, 802.3x, 802.3ab Ethernet standards
- 6kV professional lightning protection and port protection, enhancing anti-interference and system stability
- Built-in high-withstand-voltage professional power supply, supports overcurrent and overvoltage protection, ensuring stable and reliable operation in harsh environments

Flexible port configuration

- Supports Giga copper ports + 2.5G optical port combination with line rate forwarding, meeting both existing access and bandwidth upgrade needs.
- Supports static/dynamic link aggregation; 4x2.5G aggregation can reach up to 10G, enabling elastic expansion of upstream bandwidth.

Granular service control

- Supports port flow control and port rate limiting; supports traffic classification and scheduling functions based on port, 802.1p, and DSCP, preventing malicious occupation of network bandwidth and providing various granular management methods;
- Comprehensive policy management and security features (ACL, loop prevention, QoS, 4K VLAN, LACP, etc.) ensure smooth and stable operation of critical services.

Convenient network management

- Supports Aolynk APP for mobile operations, enabling convenient viewing of network status, modifying parameter configurations, and troubleshooting network outages, helping customers manage networks efficiently;
- Supports AolynkCloud cloud hosting, allowing users to enjoy efficient network operations experience without building professional management servers and software, greatly reducing the capital expenditure for enterprise customer network management;
- Supports UWEB whole-network management; local deployment can also use simple and easy-to-use whole-network management tools, helping customers with simple deployment, rapid deployment, and efficient configuration and management of the entire network equipment;
- Supports single-device Web management to meet the needs of different user scenarios; supports remote login to the device's local Web network management through the AolynkCloud management platform or UWEB whole-network management platform for service configuration and remote diagnostics, making management more convenient and efficient.

PoE Intelligent Power Supply (PoE models)

- Supports IEEE 802.3af/at standards, providing up to 30W power supply per port, capable of remote powering for powered devices (PDs) such as APs and cameras;

- Supports Fast PoE: Powers PDs within 10 seconds of power-on;
- Supports Perpetual PoE: No power interruption during hot restart;
- Supports PoE Watchdog: Millisecond-level automatic detection and restart upon device abnormality;
- Supports non-standard PoE devices, significantly improving compatibility, enabling flexible deployment in multiple scenarios;
- Supports 250-meter long reach power supply, enhancing deployment flexibility and power supply stability;
- Supports PoE power supply precedence: PoE ports support independent high/medium/low power supply precedence configuration; when burst power is insufficient, high-priority service power supply is guaranteed first, supporting stable operation in critical scenarios.

Reliable Security Policies

- Supports intelligent storm suppression, precisely controls unknown unicast, multicast, and broadcast traffic, effectively resists broadcast storms, protects network bandwidth and device performance, ensuring efficient and smooth forwarding of service data.
- Supports black hole MAC address configuration, can quickly isolate malicious or abnormal terminals, blocking unauthorized access and network attacks at the source, safeguarding network ingress security and compliant resource usage
- Possesses CPU attack protection capability, effectively resists the impact of illegal packets on the core processing unit, ensuring the switch operates stably in various complex environments without service interruption.

Green & energy-saving designs

- Uses low-power hardware (HW) and energy-saving architecture, reducing energy consumption and operating costs.
- Complies with EU RoHS standards, radiation reaches household appliance levels, balancing environmental protection with health and safety.

Technical specifications

Attribute	Aolynk US210-8G2MF-HP	Aolynk US210-24G4MF	Aolynk US210-24G4MF-P	Aolynk US210-24G4MF-HP
Dimensions (H × W × D)	235×105×27 mm	440×173×43.6 mm	440×210×43.6 mm	440×210×43.6 mm
Weight	≤0.51kg	≤1.90kg	≤2.65kg	≤2.75kg
Switching capacity	26Gbps	68Gbps	68Gbps	68Gbps
Packet Forwarding Rate	19.34Mpps	50.59Mpps	50.59Mpps	50.59Mpps

Fixed Ports	8x 10/100/1000 Base-T PoE+ copper ports, 2x 1G/2.5G SFP fiber ports	24x 10/100/1000 Base-T copper ports, 4x 1G/2.5G SFP fiber ports	24x 10/100/1000 Base-T PoE+ copper ports, 4x 1G/2.5G SFP fiber ports	24x 10/100/1000 Base-T PoE+ copper ports, 4x 1G/2.5G SFP fiber ports
MAC address table	16K			
Port Lightning Protection	±6KV			
Operating Temperature/Storage Temperature	0°C ~ 45°C/-40°C ~ 70°C			
Operating Humidity/Storage Humidity	10% to 90%/5% to 90% (non-condensing)			
Certification &Safety	CE、CB、RoHS			
MTBF	> 400,000 hours			
Heat dissipation method	Fanless silent design, natural heat dissipation		Fan cooling	
Installation method	Desktop, wall-mount	Desktop, Rack, standard mounting ears included for rack installation		
PoE Power Supply Standard	IEEE 802.3af/at	Not supported	IEEE 802.3af/at	IEEE 802.3af/at
Maximum PoE Power per Port	30W	None	30W	30W
Maximum PoE Power for Overall System	130W	None	240W	370W
Perpetual PoE	Supported	None	Supported	Supported
Fast PoE	Supported	None	Supported	Supported
PoE Watchdog	Supported	None	Supported	Supported
Non-standard PoE Power Supply	Supported	None	Supported	Supported
PoE Power Supply Precedence	Supported	None	Supported	Supported
Static power consumption	1.7W	4.6W	6W	6W
Full Load Power Consumption	137W	16.1W	253W	387W
Input Voltage	90V ~ 264V AC	90-264V AC	90-264V AC	90-264V AC
VLAN	Supports IEEE 802.1Q VLAN			
	Supports Port-based VLAN			
	Supports up to 4094 VLANs			
Ethernet	Supports Static Link Aggregation			
	Supports LACP (Dynamic Link Aggregation)			
	Supports LLDP			

	Supports Jumbo Frame
	Supports Static MAC Configuration
	Supports Port Rate Limiting
	Supports Loop Prevention
QoS	Supports Port Flow Control
	Supports Port Priority-based Traffic Classification
	Supports 802.1p Priority-based Traffic Classification
	Supports DSCP Priority-based Traffic Classification
ACL	Supports Standard ACL
	Supports Extended MAC ACL
	Supports Extended IPv4 ACL
	Supports IPv6 ACL
Security	Supports Port Isolation
	Supports Black Hole MAC Configuration
	Supports Unknown Unicast Suppression
	Supports Multicast Storm Suppression
	Supports Broadcast Storm Suppression
DHCP	Supports DHCP Client
	Supports DHCP Snooping
Management and maintenance	Supports Aolynk APP Management
	Supports AolynkCloud Management
	Supports UWEB Whole-Network Management
	Supports Local Web Management
	Supports Topology Display
	Supports Port Mirroring
	Supports Remote Device Restart
	Supports Remote Single-Port PoE Restart
	Supports Version Upgrade
	Supports Factory Reset Recovery
	Supports Ping
	Supports DNS Client
	Supports HTTP Login
	Supports VCT Link Detection
	Supports SNTP Clock
	Supports Syslog

Ordering information

Model	Description
H3C Aolynk US210-8G2MF-HP	H3C Aolynk US210-8G2MF-HP PoE+ Ethernet switch, supports 8 10/100/1000 BASE-T copper ports, 2 1G/2.5G SFP fiber ports, includes standard power adapter
H3C Aolynk US210-24G4MF	H3C Aolynk US210-24G4MF Ethernet switch, supports 24 10/100/1000 BASE-T copper ports, 4 1G/2.5G SFP fiber ports, built-in open-frame power supply
H3C Aolynk US210-24G4MF-P	H3C Aolynk US210-24G4MF-P PoE+ Ethernet switch, supports 24 10/100/1000 BASE-T copper ports, 4 1G/2.5G SFP fiber ports, built-in open-frame power supply
H3C Aolynk US210-24G4MF-HP	H3C Aolynk US210-24G4MF-HP PoE+ Ethernet switch, supports 24 10/100/1000 BASE-T copper ports, 4 1G/2.5G SFP fiber ports, built-in open-frame power supply



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