



High Performance Gigabit AP Controller

XT-1500AC Controller



XT-1500AC is a big size Enterprise Gateway based on CAPWAP protocol. Support Load Balance, Ethernet backup and Ethernet Superimposed, multi-ISP access; then support DHCP, policy routing and VPN, together with Smart flow control, Abundant security, varied user management and multiple authentication function, it consistent to provide high efficiency and professional network connectivity for hotel, school, hospital, shopping mall. What's more, it can manage the wireless access point fast and stable in central and remote, providing a whole wireless coverage solution, cost saving and convenient.

Main Features:

A. Multiple Gigabit WAN and multiple routing functions

XT-1500AC supports PPPoE/DHCP/Static IP access, works with different ISP and max 512 end users can access it.

Support multiple Gigabit WAN ports, support load balance, Ethernet Superimposed and multiple ISP network access to avoid bandwidth overload, then support Ethernet backup to recover the dropped networking line, ensure the whole networking smoothly;

It supports policy-based routing function also; the administrator will set the network based on IP/MAC/Domain/Interface policies.

Smart QoS

XT-1500AC supports smart QoS based on ports, individual users, user groups and user applications. Allow bandwidth reservation and dispatch by tunnel or by application.

It provides a variety of functions including multiple queuing mechanisms (priority queuing, low latency queuing, custom queuing, weighted queuing), congestion avoidance, traffic policing, traffic shaping and priority marking, ensuring different service for different users and applications.

Abundant security mechanism

XT-1500AC support a variety of security mechanism, like TCP/UDP/ICMP Flooding, IP/MAC/URL/Web filtering functions, Ping of Death and other related threats, extend protection to every port of the router and enable the ports to provide DoS/DDoS attack protection, traffic monitoring, Uniform Resource Locator (URL) filtering, and application layer filtering.

What's more, it supports user management and password protection. Users of different levels are assigned with different configuration authorities.

Multiple authentication

XT-1500AC support portal authentication, PPPoE authentication and Radius authentication.

It supports Wechat authentication, one-time password authentication, displays or promotes advertisements to users and brings extra value for merchants; Then supports SMS authentication when accessing into cloud servers and works with SMS gateway.

Then it can work with the 3rd party radius server for advertisement and billing functions.

What's more, it works as a PPPoE server, and can create a PPPoE account, password, bandwidth and valid time, to realize PPPoE billing function.

Remote Maintenance, Auto firmware upgrade

Administrators can access XT-1500AC management interface page remotely at home, to manage and maintain the wireless access point, keeping the whole network stable in an economical way.

XT-1500AC can automatically upgrade the newly released firmware, zero steps to recover the system problem.

F. Others

XT-1500AC supports WAN port VLAN, VPN dial up, DNS Proxy, IP address translation, user behavior management, making it more professional in Enterprise.

AC management for wireless AP

Assign IP address for Wireless AP: Built in DHCP Server, it can assign the IP address for wireless AP automatically when AP online.

Group or Single Configure: XT-1500AC auto-detects the wireless AP, support group or single configuration, central to manage the SSID password, mode, channel, RF power, coverage threshold; Then reboot, reset or upgrade firmware remotely to complete the maintenance.

Product Spec:

Model	XT-1500AC
Protocol	IEEE 802.3, 802.3u, 802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS, IPsec, PPTP, L2TP Protocol
CPU	Intel D525
DDR	2GB (MICRON)
SSD	32GB
Heat Dissipate	Super silent ball fan
Ports	5 x 10/100/1000Mbps LAN ports (can set to WAN port)
	1 x 10/100/1000Mbps WAN port
	2 x USB2.0 Ports
	1 x Console Port
Power	AC:100-240V,50HZ
Dimension	440mm*240mm*44mm
Working Temperature	-20°C~55°C
Storage Temperature	-40°C ~ 70°C
Working Humidity	5% ~ 97%RH (No condensation)
Firmware features	
AP Management	Max to access and manage 512 users
	Max to manage 512PCS wireless AP
	Centrally and remotely to manage/configure wireless AP
	View user's status
Smart Flow Control	One click smart flow control
	Powerful multi line diversion
	Application Priority Automatically
Load Balance	Multiple WAN, multiple ISP network access
	Intelligence load balance
	Ethernet line backup
	Ethernet Superimposed
	Policy routing: based on IP address, destination IP address, source MAC address, n domain, destination port, Extranet port, Identity binding
	Protocol binding
Routing	Static Routing
Behavior Management	All-round to block P2P firmware
	P2P flow control and bandwidth allot
	File and URL filter
	Monitor network behavior at all times
Bandwidth limitation	IP-based bandwidth limitation
	Safeguard / Restrict bandwidth
	Time strategy
	IP based session restriction
	MAC address filter

Security Center	UPR/keywords filter
	Web content filter
	IP address filter
	Port mapping
	DMZ
Defense Center	TCP/UDP/ICMP flood defense
	Block TCP scanning
	Block ping WAN port
ARP Detection	Send GARP packets
	ARP Scanning on WAN/LAN port
	Online detection
	IP-MAC binding
Authentication	PPPoE authentication
	Portal authentication like Wechat Authentication, WEB password authentication, One password authentication, SMS authentication
	Radius authentication: work with the 3rd party radius server
Management	Web/CLI/Telnet management
	Remote management
Others	DDNS, VPN management
Content	XT-1500AC *1
	Power Cable *1
	Installation Accessory
	QIG*1