

Dual Band, Wireless Access Point

Giga Ethernet Port | WiFi 11n&11ac | USB 3.0 Host

WAP-5895ua FTTH Gateway



WAP-5895ua is high access speed FTTH using the BCM 63138. It not only provide 5 Giga Ethernet ports and integrated WLAN 802.11n 2.4GHz frequency band and 802.11ac 5GHz Frequency band. Choose instruction level wireless chipset support 802.11ac 4T4R. Therefore, WAP-5895ua is perfect transfer service on high speed applications and network.

WAP-5895ua own 1*USB3.0 host port which provide high speed access with USB device such as printer server, 3G dongle, HDD, and future DLNA connectivity. In addition, WAP-5895ua follow TR-069 then center management (ACS) is easily.

FEATURES

- Integrated 802.11 b/g/n AP
- Integrated 802.11 ac AP
- WMM, WPS 2.0
- WPA and 802.1x/ RADIUS client
- USB mass-storage and file sharing (Samba)
- Embedded SNMPv1/v2c/v3 agent
- TR-069 compliant with Comtrend ACS
- UPnP
- IPv6 compliant
- IP QoS
- NAT/PAT
- IP QoS
- Supports SP/WFQ/WRR for QoS
- IGMP Proxy/ fast leave/ Snooping/ Proxy
- DHCP Server/Client
- IP/MAC address filtering
- Static route/ RIP/ RIP v2 routing function
- DNS Proxy/Relay
- 3G Backup/ Printer Server (IPP)
- FTP/TFTP server

WAP-5895ua

Giga Ethernet Port | WiFi 11n&11ac | USB 3.0 Host

SPECIFICATIONS

Hardware

- RJ-45 X 4 for LAN,
- RJ-45 X 1 for WAN,
- Reset Button X 1,
- WPS & Wi-Fi On/Off button X 2
- Internal Wi-Fi Antennas x 2
- External Wi-Fi Antennas x 2
- Power switch X 1
- USB 3.0 Host X 1

WAN

- 10/100/1000 Base T, IEEE 802.3, IEEE 802.3u IEEE 802.3ab

LAN

- IEEE 802.3, IEEE 802.3u IEEE 802.3ab
- 10/100 /1000 BaseT auto-sense
- Support MDI/MDX

WLAN

- IEEE 802.11n 2T2R, backward compatible with 802.11g/b
- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
- 11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
- Up to 300 Mbps data rate
- MAC address filtering, WEP, WPA, IEEE 802.1x
- 10, 25, 50, 100mW @ 22MHz channel bandwidth output power level can be selected according to the environment
- IEEE 802.11ac 4T4R, backward compatible with 802.11n/a

NAT/NAPT

- Support One to One, Many to One, Many to Many (Overload), Many to Many (No Overload) NAT
- NAT Loopback
- Port Triggering
- Port Forwarding (Virtual Server)
- Symmetric port-overloading NAT, Full-Cone NAT
- DMZ host
- VPN Pass Through (PPTP, L2TP, IPSec)

Networking Protocols

- RFC 1483/2684 VC-MUX, LLC/SNAP encapsulations for bridged or routed packet
- IPoEoA (MER), IPoA, PPPoA, IPoE, PPPoE
- PPPoE pass-through, Multiple PPPoE sessions on single WAN interface
- PPPoE filtering of non-PPPoE packets between WAN and LAN
- Transparent bridging between all LAN and WAN interfaces
- 802.1p/802.1q VLAN support
- Spanning Tree Algorithm
- IGMP Proxy V1/V2/V3, IGMP Snooping V1/V2/V3, Fast leave
- Static route, RIP v1/v2, ARP, RARP, SNTP
- DHCP Server/Client/Relay
- DNS Proxy/Relay, Dynamic DNS
- Internet Printing Protocol
- UPnP
- IPv6 subset

Firewall/Filtering

- Stateful Packet Inspection Firewall
- Stateless Packet Filter
- Day-time Parental Control
- URI/URL filtering
- Denial of Service (DOS): ARP attacks, Ping attacks, Ping of Death, LAND,SYN, Smurf, Unreachable, Teardrop
- Port Scan Detection and Protection
- TCP/IP/Port/interface filtering rules Support both incoming and outgoing filtering

Management

- TR-069/TR-098/TR-104/TR-111, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Software upgrade via HTTP, TFTP server, or FTP server

Routing Functions

- Static route, RIP, and RIPv2, NAT/PAT, DHCP Server/ DHCP Relay, DNS Proxy, ARP

Environmental Conditions

- Operating temperature: 0 ~ 40 degrees Celsius
- Relative humidity: 5 ~ 95% (non-condensing)



COMTREND CORPORATION

Taiwan:
3F-1, No.10, Lane 609, Chongxin Road, Section 5,
Sanchong Dist, New Taipei City 24159, Taiwan
Tel: 886-2-2999-8261
Fax: 886-2-2999-8497

Spain:
Edif. América II C/Prócion,7 portal 3 bajo H 28023 Madrid,
Spain
Tel: 34-917990403
Fax: 34-913510999

USA & Canada:
16 Goodyear, Suite 120, Irvine, CA 92618
Tel: 1-949-7539640
Fax: 1-949-7539020

Czech Republic:
TOKOVO Jankovcova 1518/2, 170 00, Prague 7, Czech
Republic
Tel: 420-266-782040
Fax: 420-266-782990