Khwahish
Technologies Private Limited

KONT- 1744

Subscriber End Equipment

Feature Summary

- IEEE 802.3ah compliant
- Indoor wall or table mount
- Two 10/100/1000Base-T
- One FXS POTS ATA RJ-11 port
- 802.11b/g/n 2Tx2R MIMO 2.4GHz Wi-Fi interface
- 802.11 ac 2Tx2R MIMO 5GHz Wi-Fi interface
- VoIP features: SIP, multiple voice codecs, T.38 Fax and various CLASS services
- Supports feature rich VoIP application profiles for Caller ID, Call progress, Call Waiting, Call Transfer.
- Integrated router with features such as IPv4, IPv6, IPoE, PPPoE, NAT, DHCP, DNS, IP Filtering, IP forwarding, Static IP routing, IP QoS and Firewall
- Built-in L2 switch with dynamic bridging, (802.1q tagged, untagged, port based, priority tagged, 802.1ad double tagged)
- ToS/DSCP to 802.1p (Tag Control Information bits) mapping
- IGMPv2/v3 snooping

Applications

The KONT-1744 is a compact subscriber end equipment designed and optimized to provide triple play services with Dual band Wi-Fi support to the subscriber.

Advanced High Bandwidth Availability

The KONT-1744 is fully IEEE 802.3ah compliant 1.25 Gbps downstream and 1.25 Gbps upstream speeds

Quality of Service

The KONT-1744 supports extensive QoS features, including ToS/DSCP to 802.1p mapping, Traffic classification and QoS based on layer 3 and layer 4 header prioritizable queues, ensures that tiered service offerings based on different bit-rates and QoS can be readily supported.

Gateway

The KONT-1744 contains both L2 switch and L3 routing gateway with port forwarding, NAT and NAPT address translation, built-in PPPoE support for HSI, and an integrated stateful packet inspection firewall and application-layer gateway (ALG). Support for VPN (L2TP, PPTP and IPSec) pass through is also provided. Included as part of the gateway function are DHCP client, DHCP server and DNS server for IPv4 and IPv6.

Security

The KONT-1744 comes with the latest security features, including access control list (ACL), DMZ, and wireless encryption protocols such as WEP and (WPA-PSK).

Flexible Management

The KONT-1744 is managed from KOLT Series. The KOLT in turn is managed with either Khwahish Element Management System (KEMS) that provides configuration, profile based provisioning, event and fault management and performance monitoring for the KONT.

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