



# KONT- 1743

## Subscriber End Equipment

### Feature Summary

- ◆ IEEE 802.3ah compliant
- ◆ Indoor wall or table mount
- ◆ One 10/100/1000Base-T
- ◆ One 10/100 Base-T
- ◆ One FXS POTS ATA RJ-11 port
- ◆ 802.11b/g/n 2Tx2R MIMO 2.4GHz 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-1743 is a compact subscriber end equipment designed and optimized to provide triple play services with Wi-Fi support to the subscriber.

#### Advanced High Bandwidth GPON technology

The KONT-1743 is fully IEEE 802.3ah compliant 1.25 Gbps downstream and 1.25 Gbps upstream speeds

#### Quality of Service

The KONT-1743 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-1743 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-1743 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-1743 is managed from either Khwahish Element Management System (KEMS) that provides configuration, profile based provisioning, event and fault management and performance monitoring.

## SPECIFICATIONS

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