24online SMS 1000i

Available on a single platform, 24online is a highly scalable and flexible solution that is easy to install and easy to use. 24online meets the requirements of medium to large service providers with franchisees and large operations through distributed 24online appliances functioning as Access Gateways. With such decentralized functionality, 24online supports scalability in operations, allowing large providers to offer broadband and Wi-Fi offerings across cities or even countries.

This appliance from the 24online stack, 24online SMS 1000i is capable of delivering all functions as an Access Gateway, delivering an easy-to-manage comprehensive solution. With inbuilt NAT (Network Address Translation) and routing, it allows a single interface to WAN at the local or central location. SMS 1000i offers Access Gateway functionality at the centralized NOC (Network Operation Center), allowing large enterprises to offer quality services to their valuable clients.

Integrated with high availability feature 24online SMS 1000i also protects from hardware failure and data loss to reduce downtime and flow uninterrupted service. Majority of large corporations, educational institutes, government organizations, Internet service providers, hoteliers etc, are served by SMS 1000i from unauthorized use or access to internet.

Comprehensive Billing & Bandwidth Management for Small and Medium Enterprises

Features	Description	Benefits
Bandwidth Management	• Committed and burstable bandwidth by pools, packages & users	• Restricts high consumption and network congestion of bandwidth
*Multi-link Manager	• Security over multiple ISP links using a single appliance. • Load balance traffic based on weighted round robin distribution. • Link failover automatically shifts traffic from a failed link to a working link.	• Restricts high consumption of bandwidth and network congestion • Optimum use of low cost links • Ensure continual quality service for premium service
*Reporting	• Complete reporting suite available in the appliance • Reporting by username, invoice, package etc.	• Provide qualitative service as well as avoid malicious attacks • Generate tabular, graphical, printable and CSV reports

Interfaces

10/100 Ethernet Ports	-
10/100/1000 GBE Ports	10
Configurable Internal/HA/WAN Ports	Yes
Console Ports (RJ45)	1
SFP (Mini GBIC) Ports	2
COM Ports	-
USB Ports	2

System Performance*

Concurrent Sessions	750,000
New Sessions/second	25,000
Data throughout (Mbps)	3.5 Gbps
168-bit Triple-DES/AES throughput (Mbps)	400/450

Dimensions

H x W x D (inches)	3.46 x 16.7x 20.9
H x W x D (cms)	8.8 x 42.4 x 53.1
Weight	15.2 kg, 33.51 lbs

Power

Input Voltage	90 - 264 VAC
Consumption	210W
Total Heat Dissipation (BTU)	718

Environmental

Operating Temperature	0 to 40 °C
Storage Temperature	-20 to 80 °C
Relative Humidity (Non Condensing)	10 to 90 %
Cooling System – Fans	7

Bandwidth Management

Customer based bandwidth management	Yes
Guaranteed & burstable bandwidth policy	Yes
Multi VAN bandwidth reporting	Yes

User and Package Based Console

Access time restriction	Yes
Time Quota restriction	Yes
Schedule based committed and burstable bandwidth	Yes
Data Quota restriction	Yes

Networking

Multiple link auto failover	Yes
WRR based load balancing	Yes
Policy routing based on application and user	Yes
DDNS/PPPoE client	Yes
VLAN Tagging support	Yes

High Availability

Active-Passive	Yes

Administration

Role-based administration	Yes
Multiple administrators and user levels	Yes
Upgrades & changes via Web UI	Yes

System Management

Web UI (HTTPS)	Yes
Command line interface (Serial, Telnet)	Yes

User Authentication

Local and remote database	Yes
External RADIUS database integration	Yes
MAC based authentication	Yes

Logging/Monitoring

Internal HDD	Yes
Graphical real-time and historical monitoring	Yes
Email notification of reports, subscriber management activities	Yes

Third Party Integration

PMS	Yes
Payment Gateway	Yes
Web Services	Yes

On-Application Reporting

Data transfer reporting (By user, package & IP address)	Yes

Compliance

CE	Yes
FCC	Yes

24 ONLINE ®
Billing and Bandwidth Management Solution