

## 24online SMS 100i



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, hotspots, cafes, university etc. 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 100i 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 100i offers Access Gateway functionality at the centralized NOC (Network Operation Center), allowing small to medium enterprises to offer quality services to their valuable clients.

Integrated with high availability feature 24online SMS 100i also protects from hardware failure and data loss to reduce downtime and flow uninterrupted service. Majority of small and medium corporations, educational institutes, government organizations etc, are served by SMS 100i from unauthorized use or access to internet.

### Comprehensive Billing & Bandwidth Management for Small and Medium Enterprises

Features	Description	Benefits
<b>Bandwidth Management</b>	<ul style="list-style-type: none"> <li>Committed and burstable bandwidth by pools, packages &amp; users</li> </ul>	<ul style="list-style-type: none"> <li>Restricts high consumption and network congestion of bandwidth</li> </ul>
<b>*Multi-link Manager</b>	<ul style="list-style-type: none"> <li>Access over multiple ISP links using a single appliance.</li> <li>Load balance traffic based on weighted round robin distribution.</li> <li>Link failover automatically shifts traffic from a failed link to a working link.</li> </ul>	<ul style="list-style-type: none"> <li>Restricts high consumption of bandwidth and network congestion</li> <li>Optimum use of low cost links</li> <li>Ensure continual quality service for premium service</li> </ul>
<b>*Reporting</b>	<ul style="list-style-type: none"> <li>Complete reporting suite available in the appliance</li> <li>Reporting by username, invoice, package etc.</li> </ul>	<ul style="list-style-type: none"> <li>Provide qualitative service as well as avoid malicious attacks</li> <li>Generate tabular, graphical, printable and CSV reports</li> </ul>

# Specification

## Interfaces

10/100 Ethernet Ports	4
10/100/1000 GBE Ports	-
Configurable Internal/HA/WAN Ports	Yes
Console Ports (RJ45)	1
SFP (Mini GBIC) Ports	-
COM Ports	-
USB Ports	2

## System Performance\*

Concurrent Sessions	370,000
New Sessions/second	4,500
Data throughput (Mbps)	200 Mbps
168-bit Triple-DES/AES throughput (Mbps)	80/100

## Dimensions

H x W x D (inches)	1.72 x 16.8 x 9.1
H x W x D (cms)	4.4 x 42.7 x 23.5
Weight	4 kg, 8.82 lbs

## Power

Input Voltage	100-240 VAC
Consumption	30W
Total Heat Dissipation (BTU)	102.6

## Environmental

Operating Temperature	0 to 40 °C
Storage Temperature	-20 to -80 70 °C
Relative Humidity (Non Condensing)	10 to 90 %
Cooling System – Fans	4

## 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	-
VLAN Tagging support	-

## High Availability

Active-Passive	-
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## 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	
Payment Gateway	
Web Services	

## On-Application Reporting

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

CE	Yes
FCC	Yes

### Corporate Office

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