MPOWER • MONETIZE • MANAGE • MONITOR

mbox HotSpot Gateway

HSG-100L
CONSOLE | HDD 1 2 3 4 POWER | RANSNET
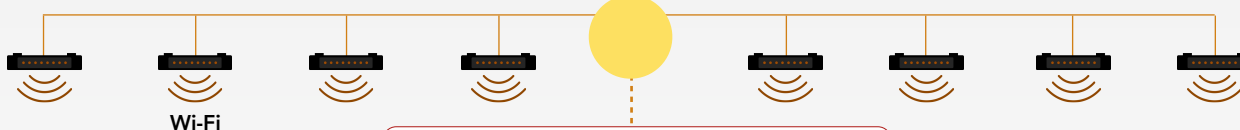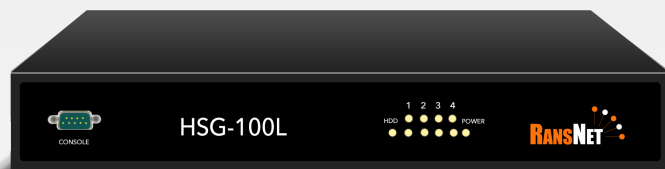
Wi-Fi

Content Management System
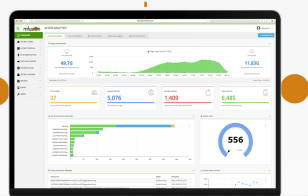
Flexible Wi-Fi Sign-in Method
- Direct Access Login
- Social Media Login
- Email/SMS OTP Login
- QR Code/APPs Login
- Premium Wi-FI Login

** OpenAPI Integration with PMS/CRM
** POS Printer Integrated

Integrates with any Wi-Fi Infra
- Customisable Login Page
  (Built-in templates for various designs)
- Ads/Campaign Management
- Collects User Profiles
  (Name | Gender | Email | Mobile | etc..)

** Web based CMS for portal customization

SECURER ACCESS
BETTER USER EXPERIENCE
HIGHER RETURNS
LOWER COST

Secure & Flexible Wi-Fi User Access

Wi-Fi Monetisation

2

User Login to Wi-Fi

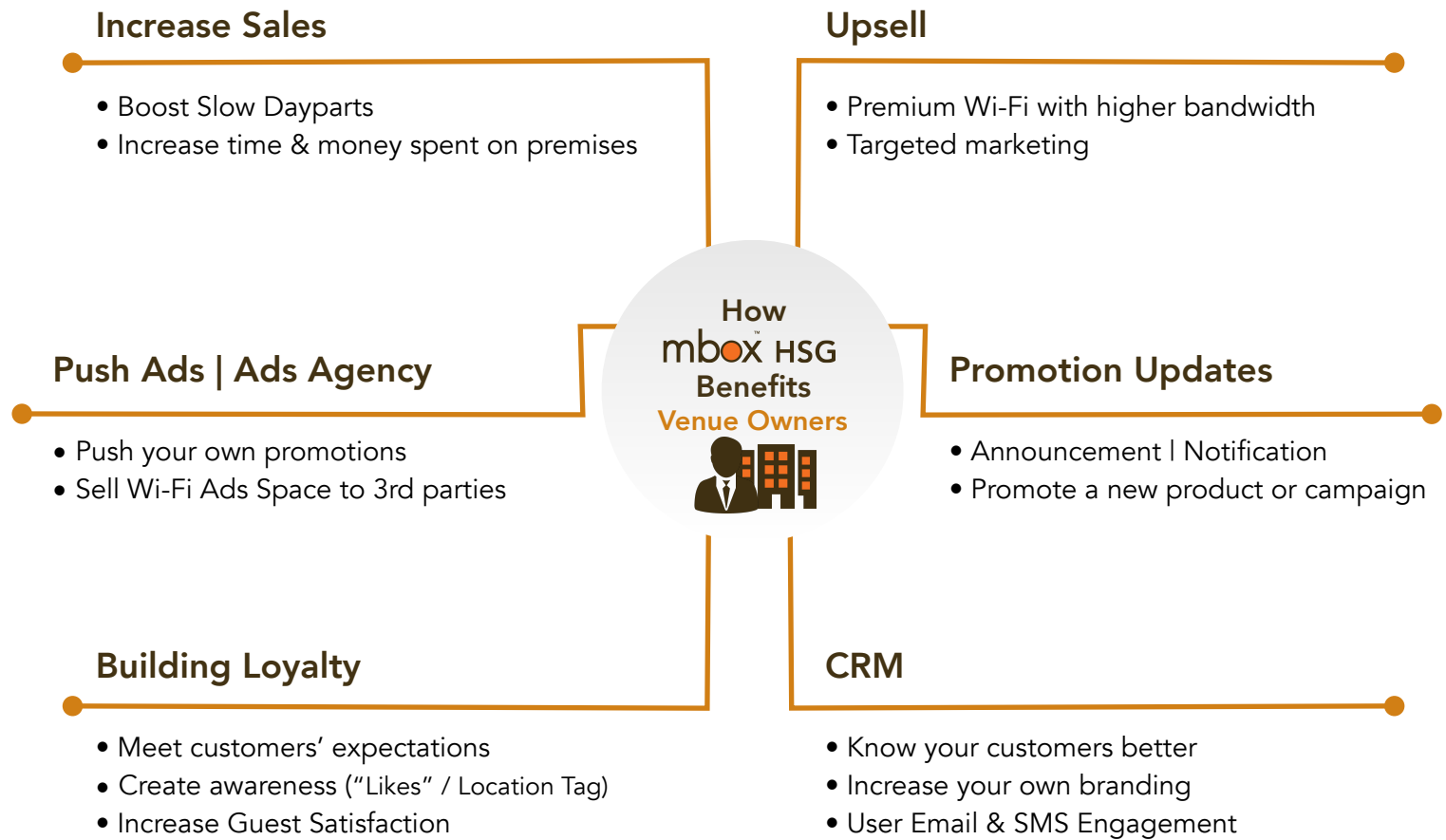**Secure access control options**
- Per User Speed Limit
- Patented Dynamic Bandwidth Allocation
- Time/Volume Based Control
- User Session Control
- Seamless Re-login, Client Roaming
- Device/MAC Lockdown
- Access Logging for compliance

Wi-Fi advertising
- Wi-Fi Login Page Ads
- Location-based Ads
- In-session Ads Injection
- User Engagement
- Location/Profile based redirect URL

TRANSFORMING COST CENTER INTO REVENUE GENERATING PLATFORM

Increase Sales

- Boost Slow Dayparts
- Increase time & money spent on premises

Upsell

- Premium Wi-Fi with higher bandwidth
- Targeted marketing

Push Ads | Ads Agency

- Push your own promotions
- Sell Wi-Fi Ads Space to 3rd parties

How mbox HSG Benefits Venue Owners

Promotion Updates

- Announcement | Notification
- Promote a new product or campaign

Building Loyalty

- Meet customers' expectations
- Create awareness ("Likes" / Location Tag)
- Increase Guest Satisfaction

CRM

- Know your customers better
- Increase your own branding
- User Email & SMS Engagement

Secure Internet Access

Customisable User Experience

Flexible Connectivity

Easy to deploy Easy to manage

Improve branding

Own your clients

Increase Income

Reduce TCO

mbox HSG | Wi-Fi is no longer a cost. It's an investment.

Hotels | Malls | Retail chains | Schools | Hospitals | F&Bs

Datasheets

mbox

Specifications

	HSG-100L
Performance	
Total HotSpot Instances (VLANs)	100
- Max Throughput per HotSpot Instance	100Mbps
- Max Concurrent Devices per HotSpot Instance	100
Total Throughput (w/ hotspot)	250Mbps
Total Current Devices (w/ hotspot)	100
Total Throughput (w/o hotspot)	800Mbps
Total Concurrent Devices (w/o hotspot)	1000
Processor	Multi-core
Memory (RAM)	1GB
Gigabit Interface	4 x GE
10G Interface (fiber or copper)	-
Network and Security	
Stateful Firewall & DHCP Server	✓
Static, Dynamic Routing (OSPF/BGP)	✓
NAT, PAT, SNAT, DNAT, Port forwarding	✓
IPSec, GRE, SSLVPN, L2TPv3	✓
IPv4 and IPv6 Capable	✓
VLAN, Trunking (802.1q), Bonding	✓
HA w/ Stateful Failover	✓
Captive Portal Features	
Login page templates and CMS	✓
Bandwidth Control (Static/Dynamic)	✓
Time/Data/Session/Device Control	✓
Whitelist by URL/Domain/IP/MAC	✓
Local Authentication (RADIUS)	✓
SMS & Email Signup, Social Media, POS, CRM, LDAP, RADIUS proxy	✓
PMS/API/payment gateway integration	✓
Landing page and In-session ads	✓
User log and data Analytics	✓
Management & Monitoring	
Wireless AP management (MACC)	-
mfusion monitoring & management	✓
Online Firmware Patching and Upgrade	✓
Physical / Environmental Specs	
Dimensions (mm) (WxHxD)	230 x 30 x 151.5
Weight	1kg
Power Consumption	< 18W
Redundant Power Supply	-
Design Form Factor	Desktop
Operating Temperature	0°C to 40°C
Certifications	**FCC/CE/ROHS**