

NETCOMM INFRASTRUCTURE SERIES Wireless Hotspot & Printer

NetComm

HS1100 / AG400

HS1100PAK BUNDLE



KEY FEATURES

- IEEE 802.11b/g Wireless Access Point with WDS and WPA2 Support
- Integrated AAA Support (Authentication, Authorisation and Accounting)
- Multiple Authentication Methods: Local and On-Demand Accounts, POP3, LDAP, RADIUS, NT Domain
- Billing by Time and by Data Volume with Bandwidth Control for On-Demand Users
- Supports Credit Card Billing via the Payment Gateways Authorize.Net, Secure Pay and PayPal
- Integrated Advanced Security Features Include Layer 2 Isolation of Wireless Clients
- Supports up to 100 Concurrent Users, up to 500 Local Accounts and 2,000 On-Demand Accounts
- Easy Installation and Operation, Customizable Login Page to Match Corporate Identity and Design
- Thermal Ticket Printing for On-demand User Accounts
- 1 Year NetComm Warranty

| Model Code/ Part Number | Description | APN Code |
|-------------------------|---|---------------|
| HS1100PAK Bundle | NetComm HS1100 Wireless Hotspot + AG400 Printer | 9317773014075 |

NETCOMM INFRASTRUCTURE SERIES

Wireless Hotspot & Printer

NetComm

HS1100 / AG400

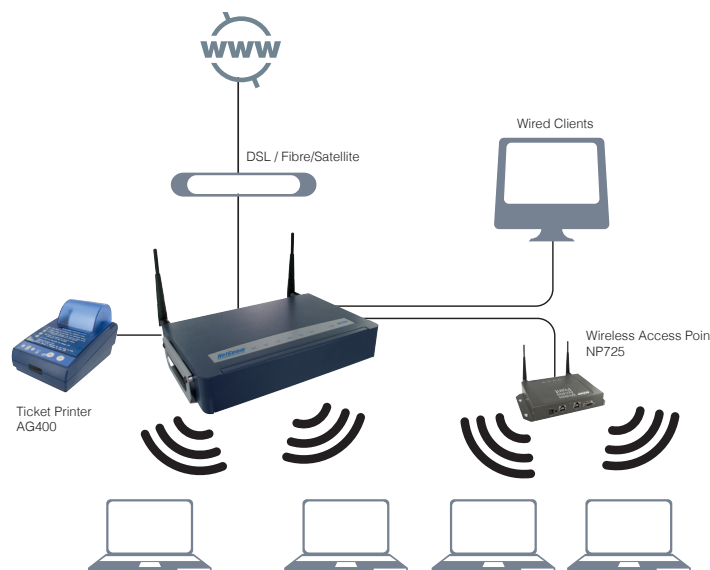
The combination of NetComm Wireless Hotspot HS1100 and the NetComm Ticket Printer AG400 enables any business or office environment to set up a hotspot location offering a wireless Internet connection for up to 100 users at a time.

This NetComm solution integrates the support for user authentication, authorisation, accounting and ticket printing with a high-speed secure wireless connection to fulfill the needs of a public wireless network.

The HS1100 supports the wireless security standards WEP, WPA-PSK, IEEE 802.1x and TKIP, while at the same time supporting VPN pass-through, Denial of Service attack protection and configurable user black

listing. The HS1100 allows effective user management with a complete authentication mechanism that blocks unauthenticated users from gaining access to the network, an "online user list" that monitors the real time status of each user and session control by time and data volume.

The dual-mode IEEE 802.11b/g HS1100 is easy to install and operate. It can immediately achieve compatibility with existing network configurations and works with an instant account generator such as the thermal ticket printer AG400 to provide user accounts for visitor-based, on-demand operations.



TECHNICAL SPECIFICATIONS

Wireless Hotspot HS1100

Hardware Specifications

- Wireless Chipset: Atheros IEEE 802.11 b/g (11/54 Mbps)
- Detachable Antennas 2x

Connectors and Display

- WAN port: 1 x 10BASE-T/100BASE-TX RJ-45
- LAN ports: 4 x 10BASE-T/100BASE-TX RJ-45
- Console port: 1 x RJ-11
- LED indicators: 1 x Power, 1 x WAN, 4 x LAN, 1 x WLAN

Physical and Power

- Dimensions (W x D x H): 243 mm x 150 mm x 45.5 mm, Weight: 1.4 Kg
- Power adapter: 12VDC, 1.5A / 110~240 VAC, 50/60 Hz

Environment

- Operating Temperature: 0 ~ 45 °C, Storage Temperature: -25 ~ 55 °C

Certifications

- CE, C-Tick, FCC, RoHS compliant

Software Specification

WAN

- Static IP, DHCP, PPPoE, PPTP Dial-up

LAN

- IP Plug and Play (IP PnP), inter-subnet roaming, DHCP server, DHCP relay

Router

- Static route, NAT, IP/port destination redirection, DMZ server mapping, virtual server mapping, SMTP redirection

Firewall

- MAC address pass-through, basic DoS attack protection
- Ethernet connection to external terminal servers
- Layer 2 isolation for wireless clients, MAC access control list, user black list

Wireless Security

- Data encryption: WEP (64/128/152-bit), WPA-PSK (WPA-Trip/WPA2-AES)
- Supports authentication: WPA-TKIP, WPA2-AES, IEEE802.1x CEAP-TLS, PEAP/MSCHAPv2

VPN

- VPN Pass-Through (IPSec and PPTP)

User Management

- Up to: 100 concurrent users, 500 local accounts, 2,000 on-demand accounts
- Multiple authentication methods: local and on-demand accounts, POP3, LDAP, RADIUS, NT Domain
- Policy-based access control (per-role assignments based on firewall policies, routing, login schedule, bandwidth, quota and session), user session management
- SSL protected login portal page
- Supports multiple logins with one single account, login time frame control, session idle timer, session limit, session and account expiration control

Monitoring and Reporting

- Online status monitoring of users, IP-based monitoring of devices, WAN connection failure alert, syslog server for diagnosis and troubleshooting
- User traffic history logging, session logging, local user monthly usage report
- Accounting and billing, billing plans for on-demand accounts
- Session expiration control for on-demand accounts by time (hour) and data volume (MB)
- RADIUS VSA (Vendor Specific Attributes) implementation for traffic accounting and session control
- Credit card payment via external payment gateways (Authorize.Net, PayPal or SecurePay), PayPal account payment via PayPal

System Administration

- Web-based administration interface, menu-driven console management interface, remote firmware upgrade, backup and restore
- Customizable login and logout portal page with walled garden (free surfing zone, enables website links for advertising on login portal page)
- SNMP version 2, SSH remote management, NTP time synchronization

Thermal Printer AG400

Standard Package Contents

- AG400 Thermal Ticket Printer
- Power cable kit x 1
- Thermal paper rolls x 2
- RJ11 Cable x 1

Physical and Power

- AC/DC 3A power adapter 100~240VAC to 10VDC, 3A

NetComm

NETCOMM LIMITED ABN 85 002 490 486 PO Box 1200, Lane Cove NSW 2066 Australia
P: (02) 9424 2070 F: (02) 9424 2010 E: sales@netcomm.com.au W: www.netcomm.com.au