

InterJak™

200 802.11b

Internet Service Appliance

Product Highlights

- ▶ **High Performance** — Fully compatible with IEEE 802.11b standard and supports links of more than 20 miles and speeds up to 11 Mbps.
- ▶ **Total Security** — Built-in firewall, URL filtering, and optional VPN offer complete protection.
- ▶ **Flexible** — Supports access point, station, and ad-hoc modes of operation allowing point-to-point and point-to-multipoint wireless links.
- ▶ **Easy Installation** — Network is up and running in a fraction of the time for wired networks. Built-in Web-based signal and link quality meter aids in antenna placement and tuning.
- ▶ **High Reliability Design** — Solid-state design for maximum reliability.
- ▶ **Service Expandability** — Optional network services to exactly fit your needs.
- ▶ **Secure Remote Management** — Configure, monitor, and manage network remotely.



InterJak 200

Platform for Internet Services Delivery

An industry standard connector is available for third-party antennas.

Complete, Secure Solution for Wireless Broadband Connectivity

The Filanet™ InterJak™ 200 802.11b (WAN) is a Platform for Internet Services Delivery that offers the ability to quickly and cost effectively enable last mile wireless connectivity. It provides an excellent alternative to traditional wired broadband connections such as DSL, ISDN, and cable modems. Wireless network connections reduce overall costs and allow for fast and easy network installation and operation. The InterJak delivers an ideal solution for site-to-site high-speed wireless links.

The InterJak 200 802.11b (WAN) supports point-to-point and point-to-multipoint modes, providing not only Internet access, but also a comprehensive range of standard and optional business-class network services. It adheres to the industry standard of 802.11b to ensure reliability and compatibility with other wireless equipment. With secure, high-speed wireless networking capabilities, the InterJak 200 802.11b is an essential component for extending networks the last mile.

Standard LAN/WAN Services

- ▶ **Firewall** — Stateful, dynamic firewall with built-in URL filtering offers strong protection from Internet-based attacks while enabling access to essential services.
- ▶ **File/Print Server** — USB and FireWire ports enable hot plug-and-play of hard disks and printers.
- ▶ **DHCP Server** — Dynamic Host Configuration Protocol server and client capabilities manage and assign IP addresses and settings on the LAN and WAN.
- ▶ **Network Address Translation** — Network Address Port Translation, (NAPT) and Multi-NAT map internal to external IP addresses, securing internal addresses.
- ▶ **IP Routing** — Routing between Ethernet and wireless ports.
- ▶ **Management Services** — Provides comprehensive set of tools for local and remote management.
- ▶ **DMZ Support** — Dedicated LAN segment supporting public hosts while private data is secured on a separate LAN segment.
- ▶ **Wireless Interface** — Provides wireless point-to-point and point-to-multipoint fully routed connections.

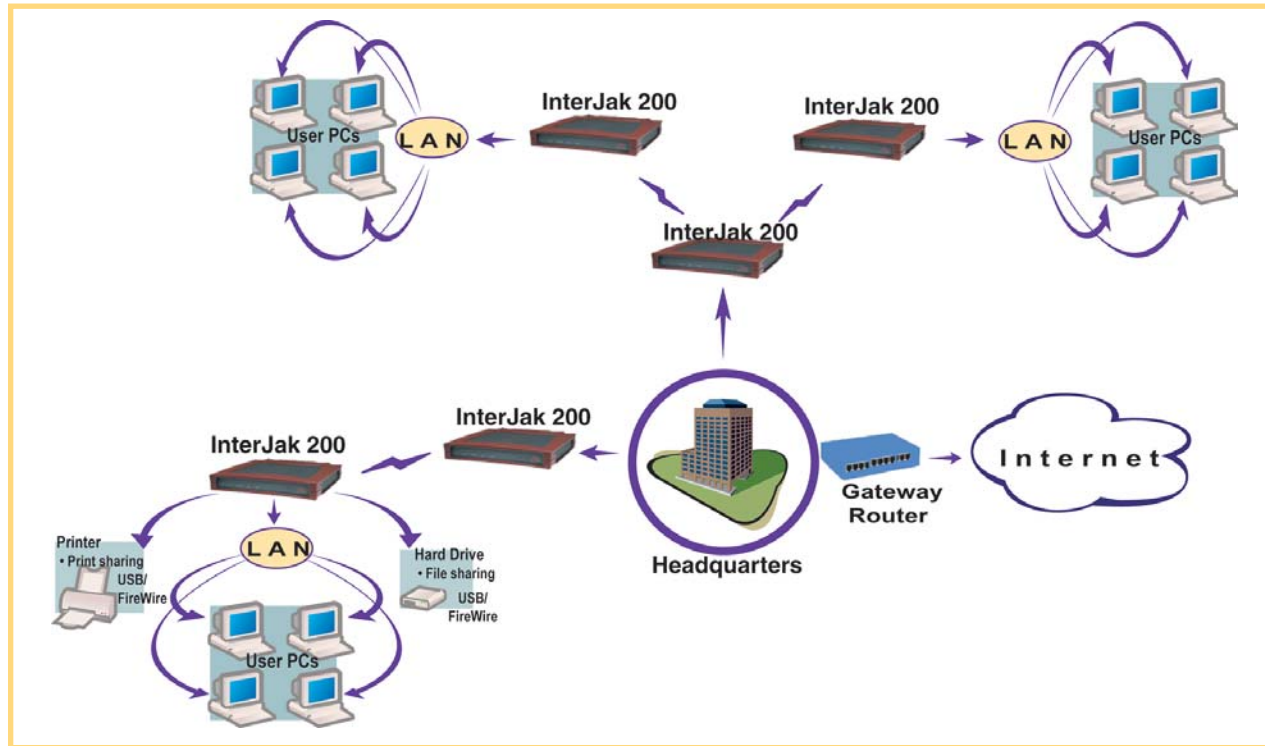
- ▶ **WAN Backup** — Monitors the primary WAN connection and activates a backup connection in the event of a failure.

Optional Network Services

- ▶ **VPN** — Securely and cost effectively connect remote offices and remote users over the Internet to resources on local networks.
- ▶ **Content Filtering** — Promotes intelligent Internet use while maintaining normal business and classroom activities.
- ▶ **Traffic Shaping** — Prioritizes network traffic to ensure good response time for important business applications. Offers ability to set bandwidth limitations on connections.
- ▶ **Network Monitoring** — Provides statistics and status of your network. Graphs of network status enable fast pinpointing of problems.
- ▶ **Email Server** — The InterJak acts as a full email server relaying and receiving Internet email. Able to fetch email from other servers and provide a central inbox.
- ▶ **Intrusion Detection** — Detects and reports various attacks against the InterJak and the protected network.



Platform for Internet Services Delivery



Where Does the InterJak Fit?

Integrated Software

- Embedded Linux multitasking operating system
- File Services—SMB/CIFS protocol compatible with Windows 95/98/ME/2000/NT
- Print Sharing—Network printing and SMB printing with attached disk and LPR protocol with print queue status
- Extensive set of networking services

Optional VPN

- IPSec based Site-to-Site
- PPTP based Client-to-Site
- IPSec based Client-to-Site

Encryption Methods

- 56 bit Data Encryption Standard (DES)
- 168 bit Data Encryption Standard (Triple DES)
- Microsoft Point-to-Point Encryption (MPPE)-RC4

Advanced Authentication Methods and Encapsulation Protocols Supported

802.11b Wireless Specifications

- IEEE 802.11b compliant (11Mbps)
- Operating range more than 20 miles (32 km) with external antenna
- Protocol: DSSS CSMA/CA with ACK
- Point-to-point & point-to-multipoint modes
- Security: Closed network security option, firewall, and VPN.
- Operating frequency:
 - U.S. & Canada: 2.400-2.4835 Ghz
 - Europe & Japan: 2.400-2.497 Ghz
- Antenna Type: External omni-directional antenna included. Connector available for third-party antennas.

Hardware

- Filanet Dino ASIC
- 8 MB flash memory
- 64 MB SDRAM memory
- Dual 10/100BaseT Ethernet ports
- Dual USB ports
- Dual IEEE1394 (FireWire) ports
- IEEE 802.11b wireless interface

Hardware Warranty

- One year limited warranty

Physical

- Dimensions: 11 in. x 10 in. x 1.75 in. (28 cm x 26 cm x 4.5 cm)
- Weight: 3.75 lbs. (1.7 kg.)
- Power Input: External, 16V - 21 V DC +/-10% at 1.87A - 1.42A, 30W max.
- Operating Environment:
 - Temp: 0°C to 40°C (32° to 104°F)
 - Humidity: up to 80% Non-Condensing
- LEDs: Power, Status, IEEE1394, USB, Ethernet (Link/Activity, 10/100),

Standards Compliance

- UL Listed, CUL Listed, FCC Part 15, Class B, CE, CSA

Part Number

- IJ264WEA - InterJak 200 802.11b (WAN)

Filanet Corporation
757 N. Pastoria Avenue
Sunnyvale, CA 94085 USA
408.331.2900 tel
408.331.2570 fax

Filanet Europe A/S
Herlev Hovedgade 82C 1
DK-2730 Herlev, Denmark
+45 44 50 37 70 tel
+45 44 50 37 99 fax

www.filanet.com

FILANET™