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You can read the recommendations in the user guide, the technical guide or the installation guide for SMC PWR-INJ3. You'll find the answers to all your questions on the SMC PWR-INJ3 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

- User manual SMC PWR-INJ3
- User guide SMC PWR-INJ3
- Operating instructions SMC PWR-INJ3
- Instructions for use SMC PWR-INJ3
- Instruction manual SMC PWR-INJ3



Enterprise Wireless

SMC2582W-B
EliteConnect™ 2.4GHz 11 Mbps Wireless Bridge



OVERVIEW

Designed to connect two or more separated Local Area Networks (usually located in different buildings), the new SMC EliteConnect™ Wireless Bridge is the easiest alternative to a traditional wired network. It delivers high data rate and allows personnel in a corporate campus environment to access all local and remote network resources. The Wireless Bridge is also a cost-effective solution. It eliminates the need for expensive cabling and difficult-to-install leased lines.

The new SMC2582W-B bridges two or more wired LANs. Connected to the Ethernet backbone through an RJ-45 connector, the Wireless Bridge (Access Point/Bridge and Bridge Master modes) can also function as an Access Point, bridging between a wired LAN and one or more wireless mobile PC-based stations. The wireless bridge connects difficult-to-wire locations, branch offices, school or corporate campus environments, frequently changing workplaces, temporary LANs, hospitals and warehouses. The Wireless Bridge also allows multiple buildings to share a single Internet connection. SMC2582W-B has three operational modes: Access Point/Bridge, Bridge Master, and Bridge Slave. The Access

Point/Bridge mode provides both Access Point and Bridging functionalities. The Bridging function is supported through Wireless Distribution System (WDS). SMC2682W or SMC2582W-G Wireless Bridges exist in the same Bridging environment as the SMC2582W-B, Bridge Master or Bridge Slave modes can be used.

SMC2582W-B EliteConnect™ Wireless Bridge supports advanced wireless security features including 64-bit or 128-bit key WEP wireless data encryption, disabled SSID broadcast, wireless client isolation, and MAC address filtering to block unauthorized wireless clients. In addition, the new EliteConnect™ Wireless Bridge provides multiple levels of protocol filtering (Ethernet, IP, TCP/UDP) to ensure network security.

The new EliteConnect™ 2.4GHz 11 Mbps Wireless Bridge also has flexible management features. Web based network management tools make configuration and remote management of the network simple. IT professionals can also use Telnet or TFTP to quickly and easily manage the device. In addition, SMC2582W-B supports SNMP allowing easy integration of your wireless LAN with your wired infrastructure. Other management features include a system log, event log and syslog.

SMC2582W-B comes with a detachable antenna. If extended range is required, users can choose among the wide selection of SMC 2.4GHz High Gain Antennas. The new EliteConnect™ Wireless Bridge also supports Power over Ethernet that adheres to 802.3af standard (using optional SMC-PWR-INJ3). Power over Ethernet reduces installation cost by using standard Category 5 cable to provide power to the Wireless Bridge.

Combining all of the above features the SMC2582W-B EliteConnect™ 2.4GHz Wireless Bridge is the best available, fast, reliable, and cost-effective building-to-building solution in the market.

FEATURES	BENEFITS
IEEE802.11b compliant	IEEE802.11b compliance allows for seamless interoperation among multiple vendors
Flexible access point and bridging functionalities	Connects two separated LANs (usually located in different buildings) without needing expensive cabling or leased lines
Flexible management features	Flexible network management through CLI, Web, Telnet, TFTP, SNMP make it simple and easy to monitor, troubleshoot, and view event logging
Detachable antennas	Optional use of 2.4GHz High Gain Antenna for extended range and coverage
Enterprise level of authentication and encryption security	Enterprise class security features including the new WPA, up to 128-bit WEP encryption, 802.1x authentication and dynamic key management, wireless client isolation, disabled SSID broadcast
Power over Ethernet support (optional)	Reduces installation cost by using standard Cat.5 cable to provide power to the Access Point

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Manual abstract:

SMC2582W-B EliteConnect™ Wireless Bridge supports advanced wireless security features including 64-bit or 128-bit key WEP wireless data encryption, disabled SSID broadcast, wireless client isolation, and MAC address filtering to block unauthorized wireless clients. In addition, the new EliteConnect™ Wireless Bridge provides multiple levels of protocol filtering (Ethernet, IP, TCP/UDP) to ensure network security. The new EliteConnect™ 2.4GHz 11 Mbps Wireless Bridge also has flexible management features. Web based network management tools make configuration and remote management of the network simple. IT professionals can also use Telnet or TFTP to quickly and easily manage the device. @@Other management features include a system log, event log and syslog. SMC2582W-B comes with a detachable antenna. @@@@The Wireless Bridge is also a cost-effective solution. @@The new SMC2582W-B bridges two or more wired LANs.

@@@@SMC2582W-B has three operational modes: Access Point/Bridge, Bridge Master, and Bridge Slave. The Access FEATURES IEEE802.11b compliant Flexible access point and bridging functionalities Flexible management features BENEFITS IEEE802.11b compliance allows for seamless interoperation among multiple vendors Connects two separated LANs (usually located in different buildings) without needing expensive cabling or leased lines Flexible network management through CLI, Web, Telnet, TFTP, SNMP make it simple and easy to monitor, troubleshoot, and view event logging Optional use of 2.4GHz High Gain Antenna for extended range and coverage Enterprise class security features including the new WPA, up to 128-bit WEP encryption, 802.

1x authentication and dynamic key management, wireless client isolation, disabled SSID broadcast Reduces installation cost by using standard Cat. 5 cable to provide power to the Access Point Detachable antennas Enterprise level of authentication and encryption security Power over Ethernet support (optional) www.smc.com TECHNICAL SPECIFICATIONS STANDARDS · IEEE802.11b, IEEE802.

1x, · IEEE802.3, IEEE802.3u, IEEE802.3af INTERFACE · 1x 10BASE-T/100BASE-TX (RJ-45) Port · 1x RS-232c Serial Port · IEEE802.11b Wireless LAN MEDIA ACCESS PROTOCOL · CSMA/CA OPERATIONAL MODE · Infrastructure Mode · Access Point/WDS Bridge (used in pure SMC2582W-B bridging environment) · Bridge Master/Slave (used when SMC2586W-G, SMC2582W-B, and SMC2682W are in the bridging environment) TRANSFER DATA RATES · 11, 5.5, 2, 1 Mbps with auto-Fallback MODULATION TYPE · IEEE802.11b: DSSS Modulation DBPSK DQPSK CCK SMC2582W-B / SMCPWR-INJ3 OPERATING RANGE · 802.11b: up to 457m/ 1.500 ft · Ranges vary based upon numerous environmental factors so individual performance may be significantly different. SECURITY · 64-/128-bit WEP encryption · TKIP encryption · Wi-Fi Protected Access (WPA) · IEEE802.

1x, EAP-MD5, EAP-TLS, EAP-TTLS, PEAP, LEAP · Disable SSID Broadcast · MAC address filtering · Wireless Client Isolation CONFIGURATION AND MANAGEMENT · Web-browser, Telnet, TFTP, SNMP · Syslog, Event Logging · DHCP Server MAXIMUM CLIENTS · 64 LED · Power, LAN, WLAN, Alive TEMPERATURE · Operating: 0°C ~ 55°C / 32°F ~ 131°F · Storage: -20°C ~ 70°C / -4°F ~ 158°F HUMIDITY (NON-CONDENSING) · 5% ~ 95% in storage DIMENSION (WITHOUT ANTENNAS) · 172 x 140 x 32 mm / 6.75 x 5.5 x 1.25 in WEIGHT · 363 g/ 0.80 lbs COMPLIANCE · Wi-Fi compliant · FCC Part 15 Class B · IC (Canada) · ETSI, EN300328-1/ EN300328-2/ EN60950/EN301489-1/-17 (Europe) WARRANTY · Limited Lifetime SMCPWR-INJ3 (optional) INPUT POWER REQUIREMENTS · AC Input Voltage: 90 - 264VAC, 47-63 Hz · AC Input Current: 2A at 100VAC, 1A at 240VAC (-48VDC) OUTPUT VOLTAGE · Aggregate Power: 50W (48VDC) PoE OUTPUT SPECIFICATION · PIN Assignments and Polarity: (+) 4/5, (-) 7/8 LEDs · AC Power, Power Active, Over Current Protection, Connectors Shielded RJ-45 TEMPERATURE · Operating: 0°C ~ 40°C / 32°F ~ 104°F · Storage: -25°C ~ 85°C / -13°F ~ 185°F HUMIDITY (NON-CONDENSING) · Max. @@.



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