

DeskBridge™ G (TA-6400) Wireless Ethernet Adapter Technical Fact Sheet

The DeskBridge™ G wireless Ethernet Adapter (AP client) creates an instant wired Internet connection on wireless networks without any additional wiring. The DeskBridge™ G is a 802.11 b/g network appliance that can be remotely managed via a standard web browser. The DeskBridge™ G is designed for use in hotel guestrooms, lobbies, conference rooms, offices - anywhere within a Wi-Fi network that requires a wired Internet connection.



DeskBridge™ G Technical Features

- Creates an instantly recognizable wired access connection point for guestroom HSIA
- Operate as an AP client device, bridging the Ethernet and WLAN
- Provides Plug-and-Play 10/100 BASE-T Ethernet access where no cabling (structured or DSL) exists
- Standard Ethernet interface delivered via a retractable RJ45 spool
- Plug-and-Play device - Driver free, trouble free and operating system independent
- Most cost effective and fastest method for adding wired HSIA connections to existing Wi-Fi only properties

DeskBridge™ G Wireless Specifications

- Data Rate: 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps - 802.11b: 1, 2, 5.5, 11Mbps
- MAC address cloning simplifies installation by copying the MAC address of existing devices to the DeskBridge™ G
- Operating Frequency: 2.412 - 2.462GHz (North America)
- Range: Indoor 130 ft. (40m), semi-open 330 ft. (100m), outdoor (LOS, Line-Of-Sight) 1500 ft. (457m)

DeskBridge™ G Networking Specifications

- Supports DHCP Client, Single Client and DHCP Relay Disable
- Modulation: OFDM, CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
- RF Output Power: 15 ~ 18 dBm (at nominal temperature range)
- Settings Management and Firmware upgrade via HTTP or TFTP protocols locally or remotely

DeskBridge™ G Security Specifications

- Encryption: WEP 64/128 bit and WPA/WPA2 encryption - Open system or shared key authentication
- Window-based set-up wizard utility/Web-based management: User-friendly utility to discover and configure AP Client settings and show Client statistics - Firmware Upgradeable

DeskBridge™ G Physical and Power Specifications

- Dimensions: 110 (L) x 95 (W) x 75mm (H) - Weight: .521Kg (521grams)
- Retractable ThinLine™ Ethernet Cable: 1.8M (L) with durable gold plated contact pins
- Casing: Black UL V0 rated ABS
- Front Logo Size: 16 x 28mm - Logo: Resin dome
- Base: Rubber Footed - non-marring
- Rear Card Slot: 5mm - DeskCard™: 150 x 150mm
- Recessed rear Ethernet socket for added security (Accepts DeviceSafe™ CAT5e cable)
- Power, RF Link, and Ethernet Status LED
- Antenna: 1 external diversity IFA antenna
- Int'l Power adapter: 4.6cm x 3.5cm x 2.1cm - AC Input: 100V-240V (50-60HZ); DC Output: 4V with max. 1 A current
- Reset Button: Hidden rear panel access - Press 10 seconds to restore all settings to factory default