

### DeskPoint™ (TA-6900) Wireless and Wired Access Point Technical Fact Sheet

The DeskPoint™ is a Wireless Access Point (WAP) which is designed for desktop installation in hotel guestrooms. By installing a DeskPoint™ in each guestroom, a hotel is easily able to overlay a wireless infrastructure in a property that already has hard-wired Internet access. Alternative solutions provide very limited wireless coverage or require substantial survey and installation of Wireless AP's in hallways, which this is both expensive and time consuming. The DeskPoint™ provides a cost effective solution which is both simple and fast to install and provides guaranteed wireless coverage for all hotel guests.



#### DeskPoint™ Technical Features

- Creates an instant recognizable wireless and wired access point for guestroom HSIA
- Delivers easier and less costly installation than a traditional wireless network overlay
- The simplest way to add Wi-Fi to an existing wired HSIA network
- Provides immediate Wi-Fi access where no wireless network infrastructure exists
- Standard Ethernet interface or optional retractable RJ45 spool for wired users
- Plug-and-Play - Driver free, trouble free and operating system independent - 100% remote web based management
- Option to limit power output and configure transmit channel to control room-to-room bleed-over
- Hospitality designed aesthetics for guest ease of use and property amenity showcasing
- DeskCard™ instruction/advertising card and optional custom logo branding on top plate

#### DeskPoint™ Wireless Specifications

- Wireless Standards: 802.11b only, 802.11g only and 802.11b/g mixed mode - Channel Numbers: 1-14
- Operation Modes: AP Bridge, AP Client - AP Function: Enable/Disable - RF Type: 802.11b, 802.11g and Auto
- Data Rates: Auto, 1/2Mbps, 5.5Mbps, 11Mbps, 6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps
- MAC address cloning simplifies installation by copying the MAC address of existing devices to the DeskPoint™
- Operating Frequency: 2.412 - 2.462GHz (North America) - Association Control: Wireless, LAN and Both
- Range: Indoor 130 ft. (40m), semi-open 330 ft. (100m), outdoor (LOS, Line-Of-Sight) 1500 ft. (457m)
- Supports DHCP Client, Single Client, and DHCP Relay Disable - Supports VLAN tagging
- TCP/IP Settings: Manual, Automatic - Packet Filtering: Ethernet, IP Protocol, TCP/UDP Port
- Modulation: OFDM, CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
- RF Output Power: 15 - 18 dBm (at nominal temperature range)

#### DeskPoint™ Security Specifications

- Encryption: WEP 64/128 bit encryption - Open system or shared key authentication - Static WEP
- WPA and WPA2 - Static TKIP encryption, 802.1x/RADIUS - WPA PSK authentication
- Window-based set-up wizard utility/Web-based management: User-friendly utility to discover and configure AP Client settings and show Client statistics - SSID Broadcast: Enable/Disable - ACL: ACL/Disable
- Firmware upgrade via HTTP or TFTP protocols locally or remotely - UPnP, HTTP, SNMP, SNMP V2, WDT
- Transmit Power: Controlled - High, Medium High, Medium, Medium Low and Low - Power Level/Channel Lock

#### DeskPoint™ Physical and Power Specifications

- Weight: 600grams - Diameter: 135mm - Height: 65mm - Color: Gloss black top cap - Silver textured body
- Data Interfaces: LAN0, LAN1, WLAN
- DeskCard™ Advertising and Instruction Card Dimensions: 85 x 105mm
- Physical Security: 1.8M DeviceSafe™ security cable - DeskPlate™: 3mm adhesive foam - RFID tag - PSU cable lock
- Optional Spool: 1.8M Thinline™ Ethernet auto-retractable RJ45 - Feet: 4 non-marring rubber based
- Antenna: 1 external diversity IFA antenna - Approvals: UL, CD, FCC, C-Tick
- 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 for technician - Press 10 seconds to restore all settings to factory default