CUB601A
USB, 802.11bg, without enclosure

Bointec

CUB601A

Introduction of Products

CUB601A is a WLAN IEEE 802.11b/g Pin connector module which enables Wi-Fi connectivity.
Target applications include: Handheld Computing Devices, WLAN Adaptor Cards Portable Multimedia Players, IPCams, Camcorders, Printers, Digital Photo Frames

Product Highlight

Time to Market
The Pin connector WLAN module reduces time-to-market by eliminating time of hardware and software development. It quickly enabled networking functionality for your new products, and let you focus on your core product design
competency.

Cost-Effective
Save production cost by reducing complex Wi-Fi related testing.

Easy to Implement
CUB602-A uses mature Pin connector host control interface that is ideal for embedded CPUs. It easily let you implement a WiFi connectivity over USB.

Versatile OS Supported
• Windows Vista
• Windows 2000/XP
• Windows 98se/ME
• Linux 2.4/2.6
• MAC 10.3/10.4

BOINTEC WIFI CUB601A ENG v0.1

<u>Chipset</u>
• Atheros AR2524 MAC/BB + UBEC
  UW2453 RFIC

<u>Standard</u>
• IEEE 802.11b/g

<u>Antenna</u>
Embedded printed antenna
External antenna supported

<u>Transmit Power</u>
• 11b mode
 17dBm@11Mbps, 5.5Mbps,
2Mbps and 1Mbps
• 11g mode
 14dBm@54Mbps, 48Mbps, 36Mbps,
 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6Mbps
• Frequency Band: 2.4GHz(b/g)

<u>Receive Sensitivity</u>
• 11b mode
-84dBm@11Mbps
• 11g mode
-69dBm@54Mbps

<u>Utility</u>
• Configure Wireless Mode (AP, Ad-hoc)
• Configure Security Mode
• Manage Security Keys
• Select Operating Channel
• SSID, Site Survey, Profile Management
• View User Configuration
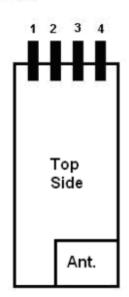• Receive Signal Quality, Strength
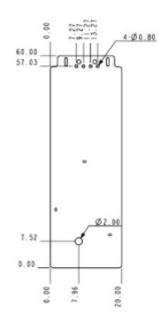 Connection Status

<u>Wireless Security</u>
• WEP 64/128-bit
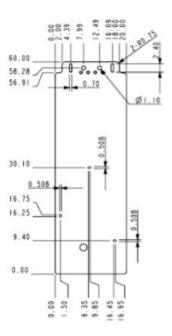• WPA/TKIP and PSK
• 802.11i(WPA2)

<u>Driver Support</u>
• Linux 2.4/2.6, ThreadX, WinCE 5.0
• Windows XP/2000

Pin1: USB +5V
Pin2: USB D-
Pin3: USB D+
Pin4: Power GND

Bointec Authorized Distributer

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We are Your Partner more than Business