



CUB601A

USB, 802.11b/g, without enclosure



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



Specification

Chipset

- Atheros AR2524 MAC/BB + UBEC
UW2453 RFIC

Standard

- IEEE 802.11b/g

Antenna

Embedded printed antenna
External antenna supported

Transmit Power

- 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)

Receive Sensitivity

- 11b mode
-84dBm@11Mbps
- 11g mode
-69dBm@54Mbps

Utility

- 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

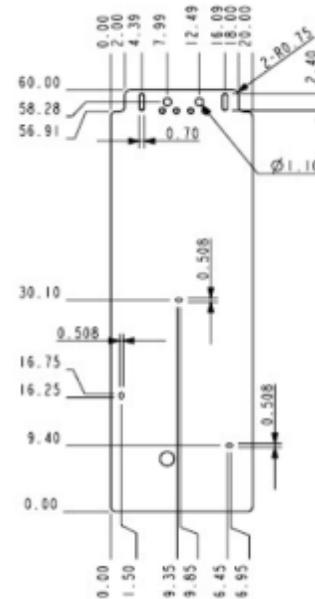
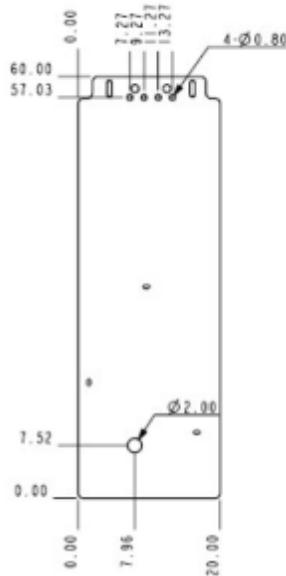
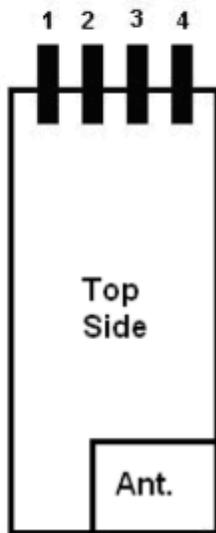
Wireless Security

- WEP 64/128-bit
- WPA/TKIP and PSK
- 802.11i(WPA2)

Driver Support

- Linux 2.4/2.6, ThreadX, WinCE 5.0
- Windows XP/2000

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



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