

Super BlueTooth USB Adapter

Model No. : ACT-BT-5100US

Super Bluetooth is the newest wireless solution for long distance connection. Bluetooth uses advanced 2.4GHz~2.462GHz spread spectrum technology and can connect Bluetooth devices up to **100 meter**. Best of all, unlike traditional wireless networking kits, Bluetooth is a low-cost and low power consumption solution. It is optimized for PAN to connect the device with Bluetooth module, such as Notebook, Handset, PDA, Digital camera, and do the data transfer or voice pass through.



- Bluetooth Specification V.1.1 compliant
- Chipset solution: Broadcom
- 20dBm Output Power ; Support Class 1
- Working distance up to 100 meters
- S/W vendor : Widcomm BTW 1.4
- Supports Windows 98SE, Windows ME, Windows 2000, Windows XP



Bluetooth Specification:

| | |
|----------------------|--|
| Dimension | 67mm x 26.5mm x 7mm |
| Weight | 10g |
| Hardware | |
| • Host Interface | USB Ver. 1.1 |
| • Input Voltage | DC 3.3V |
| • Environment | - Operating: 0 ~ 50°C - Humidity: 10 ~ 90% non-condensing |
| • Data Transfer Rate | 1.0Mbps(Max) |
| • Antenna | Internal |



RF:

- Frequency Range
 - Channel Spacing
 - Power Class
- | |
|---------------------|
| 2.4 GHz ~ 2.462 GHz |
| 1 MHz |
| Class 1 |

- Output Power (Typical) 20 dBm max with power control

- Receiving Sensitivity -87 dBm (Typical)

- Modulation GFSK

Software:

- Operation System Windows 98SE / ME / 2000 / XP

- Core Protocol Stack
 - HCI (Host Control Interface)
 - L2CAP (Logical Link Control and Adaptation Protocol)
 - RFCOMM (RS232 Serial Cable Emulation Profile)
 - SDP (Service Discovery Protocol)
 - OBEX (Object Exchange)

- Profile Pack
 - GAP (General Access Profile)
 - SDAP (Service Discovery Application Profile)
 - SPP (Serial Port Profile) Client & Server
 - LAN Access Client & Server
 - DUN (Dial-Up Networking) Client & Server
 - FAX Profile Client
 - GOEP (Generic Object Exchange Profile)
 - FTP (File Transfer Profile) Client & Server
 - OPP (Object Push Profile) Client & Server
 - SYNC (Synchronization Profile)
 - Audio Gateway / Headset Profile
 - Personal Area Networking Profile
 - Hardcopy Cable Replacement Profile
 - Human Interface Device Profile