

## Bluetooth USB dongle

# Bluetooth 10m

The **Emtec B110** is a Bluetooth USB adapter with Class 2 output power for Windows based PCs. This device can communicate with other Bluetooth devices to form a "Pico-net". Thanks to Bluetooth technology, users can use this dongle to connect with many other Bluetooth enabled devices, such as Bluetooth mobile phone, headset, Access Point, Keyboard, mouse..., and enjoy the tangle free benefit that Bluetooth technology offers.



### > Features:

- Bluetooth v2.0+EDR compliant
- Full speed USB v1.1 Interface
- Bluetooth wireless access up to a radius of 32.8 feet (10 Meters)
- Connect up to 7 different enabled Bluetooth devices
- Encryption and authentication ensure safe, secure communications

### > Functions:

- Main chip : CSR BC04
- Bluetooth 2.4GHz~2.4835GHz license-free ISM Band frequency hopping
- Data Rate : 2~3Mbps
- Class 2 Bluetooth radio
- RF module sensitivity : -80dbm at 0.1% Bit Error Rate (BER)

### > Certification:

- FCC, CE

### > Environmental Operating Ranges:

- Operating Temperature : 0 ~60° C , Humidity 10 ~ 90%
- Storage Temperature : -20 ~90° C , Humidity 10 ~ 90%

### > Power Consumption:

- Typical: 82.3mA/5V
- Maximum: Transmit : 113.1mA/5V (peak),  
Receive : 51.1mA/5V (peak)  
(Varies depending on use environment)
- Idle: 14.6mA/5V

### > Drivers support:

- Microsoft Windows 2000 /XP/Vista

**B110**                      Code EAN                      Blister dimensions  
EKCOB110                3126170037688            175 x 130 x 15 mm