

# TALUS



## » Features

- Bluetooth USB Dongle for PC without Bluetooth Function
- Maximum Distance: 100m
- Bluetooth Specification v4.0 + EDR (Enhanced Data Rate)
- USB 2.0 Full-Speed Compatible
- Supports SPP, HID, A2DP Profile
- Provides BlueSoleil Bluetooth Stack

## Overview

TALUS is a class 1 type Bluetooth USB dongle that supports transmission distance up to 100m. It is suitable for industrial or special applications. TALUS is fully compatible with other Bluetooth device. It supports Bluetooth specification 2.0 with EDR (Enhanced Data Rate).

### Enhanced Transmission Distance

Bluetooth is widely used for wireless PAN (Personal Area Network). There are 3 classes for Bluetooth: class 1, communication distance of up to 100m, 30m for class 2 and 10m for class 3. TALUS is a class 1 type Bluetooth serial adapter that supports distance up to 100 meters.

### Bluetooth v4.0 + EDR

EDR stands for 'enhanced data rate' for faster data transfer in Bluetooth. When Bluetooth first came out, the transfer rate was 1Mbps, but with EDR the speed went up to 3Mbps. TALUS is designed for faster transfer rate.

### Supports Various Profiles

There are different kinds of profiles for their own uses. TALUS supports HID, SPP, FTP, PAN and 10 more profiles so that it can connect to a lot of different Bluetooth devices.

## Example



## Specification

### Bluetooth

|                   |  |
|-------------------|--|
| Specification     | v4.0 + EDR                                 |
| Maximum Distance  | 100m                                       |
| Maximum Speed     | 3Mbps                                      |
| Air Interface     | 2.402 ~ 2.480 GHz (79 Channels)            |
| Modulation Scheme | Gaussian Frequency Shifting Key Modulation |

## Profile

### Profiles

A2DP (Advanced Audio Distribution Profile)  
AVRCP (Audio/Video Remote Control Profile)  
GAVDP (Generic Audio/Video Distribution Profile)  
HSP (Headset Profile)  
HFP (Hands Free Profile)  
BIP (Basic Image Profile)  
DUN (Dial-up Networking Profile)  
FAX (FAX Profile)  
LAP (LAN Access Profile. Currently Integrated to PAN)  
PAN (Personal Area Networking Profile)  
SPP (Serial Port Profile)  
HID (Human Interface Device Profile)  
HCRP (Hard Copy Cable Replacement Profile)  
FTP (File Transfer Profile)  
OPP (Object Push Profile)

## Operating Environment

|                       |                        |
|-----------------------|------------------------|
| Operating Temperature | -20 ~ 70 °C            |
| Storing Temperature   | -45 ~ 85 °C            |
| Humidity              | 5 ~ 90% Non-Condensing |

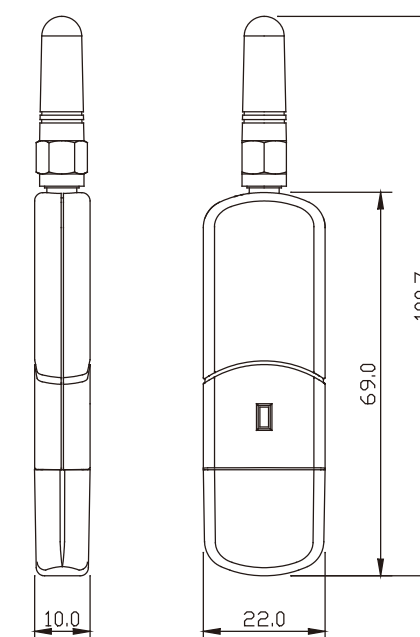
## Certifications

KC, CE

## Ordering Information

|       |                                     |
|-------|-------------------------------------|
| TALUS | TALUS, CD (Driver, Utility, Manual) |
|-------|-------------------------------------|

## Dimension



unit : mm

Sales : marketing@sysbas.com  
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