

TALUS

Bluetooth USB Adapter

TALUS is a 'Class 1' type Bluetooth adapter supporting USB 2.0.

Since it supports Bluetooth 4.0 + EDR (Class 1), it can communicate up to 1km with data communication speed of maximum 3Mbps.

Providing AFH (Advanced Frequency Hopping) feature, interference with Wi-Fi is minimized. When using this with WCS-232, it allows WCS-232 to be highly stable and reliable, in the field when configuring a wireless communications network.



Features

Support Bluetooth 4.0 and USB 2.0

Supporting Bluetooth 4.0 and USB 2.0, it can be used in most environment easily to provide high performance wireless network solution.

Working distance 300m, up to 1000m using optional antenna

While supporting 'Class 1', with using patch antenna, it can communicate up to 1km in distance. The EDR (Enhanced Data Rate) feature allows communication speed of 3Mbps maximum.

Support AFH (Advanced Frequency Hopping)

AFH provides the best wireless connection after detecting surrounding wireless environment for users to use the product in highly stable and reliable wireless communication environment.

RF (Bluetooth)

Standards	Bluetooth 4.0 Class 1
Frequency Range	2.402 ~ 2.480GHz
Transmit Output Power	+19dBm (+6dBm EDR) E.I.R.P
Receive Sensitivity	Basic 1Mbps: -90 dBm EDR 2Mbps: -88 dBm EDR 3Mbps: -86 dBm
Antenna Connector	RP-SMA
Antenna Gain	Default Stub Antenna: 1 dBi
Working Distance (In Open Field)	Stub antenna – Stub antenna: 300 m Dipole (3 dBi) – Dipole (3 dBi) : 400 m Dipole (5 dBi) – Dipole (5 dBi): 600 m Patch antenna – Patch antenna: 1 km ※ working distance can vary depending on install environment
Bluetooth Stack	BlueSoleil
Bluetooth Profiles	DUN, FAX, SPP, HID, FTP, OPP, A2DP, AVRCP, HSP, HFP, PAN, BPP
OS Support	Windows XP/Vista/7/8/8.1 (32/64bit) Linux (3rd party driver required) MAC OS X (MAC OS X driver required)

Hardware and Operating Environments

Bus Interface	USB 2.0 (Full Speed)
Connector Type	USB Type A (Male)
Size	72(L) x 22(W) x 10(H) (mm)
Operating Temperature	-20 ~ 70°C
Storage Temperature	-40 ~ 85°C
Humidity	90% Non-condensing
Certification	CE, KC