DX-MWB-01
DX-MWB-01N

EN Instruction Sheet
TR Bilgi Dökümani
TW 安裝說明
CN 安装说明
PT Instruções de Instalação

XM02-502200A



DELTA www.deltaww.com

EN CE compliance statement Delta Electronics, Inc. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The wireless operation frequency: Bluetooth:2402-2480MHz,Max output power ≤ 20dBm(E.I.R.P) WIFI:2412-2472MHz, Max output power ≤ 20dBm(E.I.R.P)

This model does not come with an antenna attached to the main product body.When recommending customers to purchase an antenna on their own, it is advised that the maximum gain of the antenna should not exceed that of the antenna used in the certification laboratory in order to comply with regulatory requirements(The maximum gain of the antenna used in the laboratory is 3dBi)

FR Delta Electronics, GmbH déclare que ce produit est conforme aux exigences essentielles et autres dispositions pertinentes de la directive 2014 / 53 / UE. Fréquence de fonctionnement sans fil : Bluetooth : 2402-2480 MHz, Puissance de sortie maximale ≤ 20 dBm (E.I.R.P) WIFI : 2412-2472 MHz, Puissance de sortie maximale ≤ 20 dBm (E.I.R.P)

Ce modèle ne vient pas avec une antenne attachée au corps principal du produit. Lorsque vous recommandez aux clients d'acheter une antenne par eux-mêmes, il est conseillé que le gain maximal de l'antenne ne dépasse pas celui de l'antenne utilisée dans le laboratoire de certification afin de respecter les exigences réglementaires (Le gain maximal de l'antenne utilisée dans le laboratoire est de 3dBi)

TR CE uyumluluk bildirimi Delta Electronics, Inc. bu ürünün Direktif 2014/53/EU'nun temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan eder. Kablosuz çalışma frekansı: Bluetooth: 2402-2480MHz, Maksimum çıkış gücü ≤ 20dBm (E.I.R.P) WIFI: 2412-2472MHz, Maksimum çıkış gücü ≤ 20dBm (E.I.R.P)

Bu model ana ürün gövdesine bağlı bir anten ile birlikte gelmez. Müşterilere kendi antenlerini satın almalarini tavsiye ederken, düzenleyici gerekliliklere uymak için antenin maksimum kazancı, sertifikasyon laboratuvarında kullanılan antenin kazancını aşmemesi tavsiye edilir (Laboratuvarda kullanılan antenin maksimum kazancı 3dBi'dir)

TW 台達電子公司聲明本產品符合 2014/53/EU 指令的基本要求和其他相關規定。無線工作頻率:藍牙:2402-2480MHz，最大輸出功率≤20dBm(E.I.R.P) WIFI:2412-2462MHz，最大輸出功率≤28dBm(E.I.R.P)

這個型號沒有天線附在產品主體上。在推薦客戶自行購買天線時，建議天線的最大增益不要超過認證實驗室使用的天線，以符合法規要求(實驗室使用的天線最大增益為 3.5dBi)

取得審驗證明之低功率射頻器材，非經核准公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

CN 台达电子公司声明本产品符合 2014/53/EU 指令的基本要求和其他相关规定。无线工作频率:蓝牙:2402-2480MHz，最大输出功率≤20dBm(E.I.R.P) WIFI:2412-2472MHz，最大输出功率≤20dBm(E.I.R.P)

这个型号没有天线附在产品主体上。在推荐客户自行购买天线时，建议天线的最大增益不要超过认证实验室使用的天线，以符合法规要求(实验室使用的天线最大增益为 3dBi)

PT Este equipamento não tem direito à proteção contra interferência prejudicial, e não pode causar interferência em sistemas devidamente autorizados.”“Para maiores informações consulte o site da Anatel www.gov.br/anatel/pt-br/.”

EN Assembly TR Montaj TW 安裝 CN 组装 PT Montagem

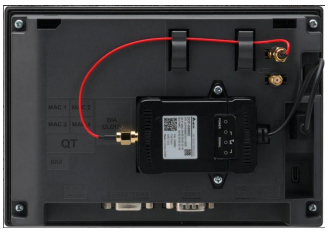
EN Open the accessory cover of DOP-300S series, put the DX-MWB-01N into the slot, lock the 2 accessory screws, plug in the USB cable to HMI USB Host Type A, and connect the Wi-Fi antenna SMA. (Note: DX-MWB-01 includes 2.4G Wi-Fi antenna set)

TR Delta DOP-300S serisinin aksesuar kapağını açın, DX-MWB-01N'yi kart yuvasına yerleştirin, iki aksesuar vidasını kilitleyin, USB Host Type A'yı takın ve Wi-Fi anteni SMA'yı bağlayın. (Not: DX-MWB-01, 2.4G Wi-Fi anten setini içerir)

TW 開啟台達 DOP-300S 系列配件蓋，將 DX-MWB-01N 放入卡槽，鎖緊兩顆固定螺絲，連接 USB Host Type A 連接器，並連接 SMA Wi-Fi 天線。（註：DX-MWB-01 內含 2.4 GHz Wi-Fi 天線組件）

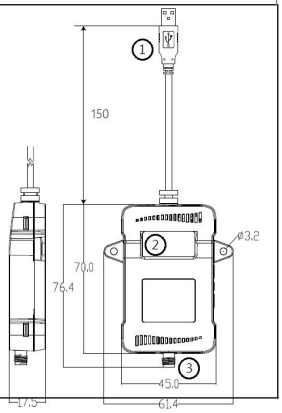
CN 开启台达 DOP-300 系列配件盖，将 DX-MWB-01N 放入卡槽，锁上附件螺丝 2 颗，插上 USB Host TypeA，连接 Wi-Fi 天线 SMA。 (注 ：DX-MWB-01 含 2.4G Wi-Fi 天线组)

PT Abra à tampa localizada na parte traseira da DOP-300, e insira o DX-MWB-01N no slot de cartão, aperte os dois parafusos de fixação, conecte o cabo USB Tipo A e conecte a antena Wi-Fi SMA. (Observação: o DX-MWB-01 inclui um conjunto de antena Wi-Fi de 2,4 GHz).



EN Product Profile & Dimensions (mm)		TR Ürün Profili & Ölçüler(mm)	
1	USB terminal	1	USB terminal
2	Status indicator	2	Durum göstergesi
3	Antenna port	3	Anten soketi
TW 外觀與尺寸		CN 外观与尺寸	
1	USB 端子	1	USB 输入端子
2	狀態指示燈	2	状态指示灯
3	天線插座	3	天线插座
PT Características e Dimensões (mm)			
1	Terminal de entrada USB		
2	Luzes indicadoras de status		
3	Conector de antena		

EN
Dimensions(mm) & Product Profile
TR
Ölçüler(mm) & Ürün Görünüşü
TW
尺寸（mm）及產品外觀
CN
尺寸（mm）及产品外观
PT
Dimensões (mm) e aparência do produto



Wi-Fi | LED Indicators

Standard	2.4GHz 802.11b/g/n compatible		Power	ON: Power 's being supplied from USB Off: Power 's not being supplied from USB
Security	802.11i (WPA, WPA2)		Signal Strength	OFF: Power Off ON: 1 LED light on – RSSI value range is ≤70 2 LEDs light on – RSSI value range is -70 ~ -50 3 LEDs light on – RSSI value range is ≥-50
Working Mode	Client			
Data Rate	up to 150Mbps (Theoretical Value)			
Antenna	Support One Transmit and one Receive path (1T1R)			
Bluetooth			**Mechanical**	
Standard	Bluetooth v5.2 BR/EDR and BLE specification		Dimensions	70*45*17.5 mm
Work range	30m		Installation	Double-sided Adhesive Tape or Wall Mount
Speed	2Mbps (Theoretical Value)		Housing	IPX0
Interface			CASE Material	Plastic case
USB	USB 2.0, Type A ; Cable: 15cm		**Standards & Certifications**	
Antenna Connector	1 RP-SMA Female (Wi-Fi/Bluetooth)		Safety & EMC	CE, SRRC, WPC
Electrical			**Environment**	
DC Input	5V, 0.5A(USB supply)		Operating Temp.	0℃ ~ 50℃
Power Consumption	Max. 1.6W		Storage Temp.	-20℃ ~ 60℃
			Humidity	5% to 95% non-condensing

MODEL : DX-MWB-01

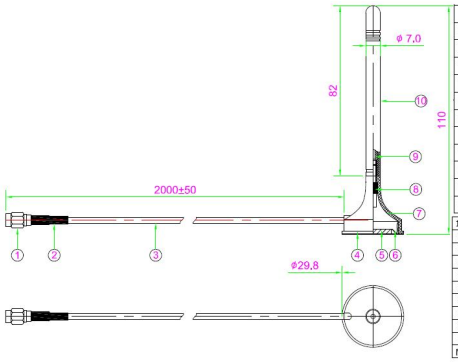
EN : 2.4G Wi-Fi antenna

TR : 2.4G Wi-Fi Anten içerir

TW： 含 2.4G Wi-Fi 天線

CN： 含 2.4G Wi-Fi 天线

PT：Inclui antena Wi-Fi de 2,4 GHz.



Electrical Properties	
Frequency Range	2400~2500 MHz
Impedance	50Ω
V.S.W.R.	≤2.0
Radiation	Omni
Gain	2 dBi
Polarization	Vertical
Mechanical Properties	
Whip	-
Connector	Brass
Weight	-
Operating Temp	-20°C~+65°C

NO	DESCRIPTION	Q'TY	REMARK
10	Plastic rod sleeve	TPE	1	Black
9	Copper tube	Brass	1	Natural
8	Stud	Brass	1	Natural
7	Plastic base	ABS	1	Black
6	Stamping parts	Fe	1	Ni
5	Magnet	N40-φ15.0*2.0	1	Ni
4	Adhesive	3M 468	1	White
3	RF Cable	RG174	1	Black
2	Heat Shrink Tube	φ3.5*20L	1	Black
1	SMA PLUG REVERSE	Brass	1	Gold

MODEL : DX-MWB-01N

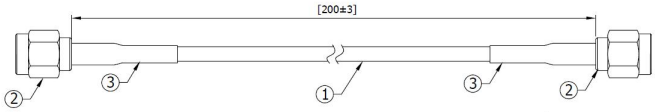
EN : Connection Cable (for DOP-300S series Wi-Fi antenna)

TR : Kablo (DOP-300S serisi Wi-Fi antenine)

TW： 連 Wi-Fi 天線

CN： 连接馈线(接 DOP-300S 系列 Wi-Fi 天线)

PT：Conecte o cabo de alimentação (à antena Wi-Fi da série DOP-300S).



NO	DESCRIPTION	Q'TY	REMARK
3	H.S Tube	Heat Shrink Tube	2	Black
2	Connector	Reverse SMA PLUG for φ1.37 Coaxial Cable	2	Gold Plated
1	Cable	φ1.37mm Low loss Coaxial Cable ; Color : Red	1	

If the equipment is used in a manner not specified by the Delta, the protection provided by the equipment may be impaired. The equipment contains no user-serviceable parts. Do not open, return to manufacturer for servicing.

部件名称 Part Name	有毒物质-Hazardous Substances 铅 (Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr Vi)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 Metal Part	X	O	O	O	O	O
塑料部件 Plastic Part	O	O	O	O	O	O
电子件 Electronic	X	O	O	O	O	O
触点 Contacts	X	O	O	O	O	O
线缆和线缆附件 Cable & Cabling accessories	X	O	O	O	O	O
电池 Battery	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。
O：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
X：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求

This table is made according to SJ/T 11364.
O: Indicates that the concentration of hazardous substance in all of the homogeneou materials for this part is below the limit as stipulated in GB/T 26572.
X: Indicates that concentration of hazardous substance in at least one of the homogeneous materials used for this part is above the limit as stipulated in GB/T 26572.

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*We reserve the right to change the information in this instruction sheet without prior notice.