

# Delta Electronics, Inc.

31-1 Shien Pan Rd., Kuei San Industrial Zone, Taoyuan City, 333 Taiwan

## PROFESSIONAL INSTALLATION ATTESTATION

Date: 2022-12-22

FCC ID: PD5-NWA1050

We, [Delta Electronics, Inc.](#) hereby declare that requirements of KDB 353028 D01 Antennas Part 15 Transmitters v01 have been met and shown on the following questions. Further we declare that the info listed below are correct and represent the product in consideration under this filing.

1. Professional installation must be justified.

Description: Device is outdoor Access Point and must need special trained professional in configuring and installing the product, more details please refer to user manual exhibit.

2. Professional installation does not permit use of any antenna with the transmitter; the permitted types of antenna specified as below.

Description: Below listed of Antennas has been compliance FCC Rule Part 15 requirement, more details please refer to test reports.

Antenna Type	PIFA		
Antenna Connector	Ipex(MHF)		
Antenna No.	Gain (dBi)		
	2.4~2.4835GHz	5.15~5.25GHz	5.725~5.85GHz
2G1	6.6	-	-
2G2	7.2	-	-
2G3	7	-	-
2G4	7.1	-	-
5G1	-	6.1	7.2
5G2	-	7.1	7.4
5G3	-	6.4	6
5G4	-	6.5	6.7
Scan	6.8	5.9	6.9
BLE	6.1	-	-

3. The applicant should address the following items when justifying professional installation.

- (1) To qualify for professional installation, please explain why the hardware is not readily available to average consumer.

Description: Due to this product and will not be sold directly to the general public through retail store, therefore the hardware is not readily available to average consumer.

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(2) Marketing – Applicant must ensure device cannot be sold via retail to the general public or by mail order.

Description: This product will not be sold directly to the general public through retail store. It will be sold to authorized dealers or installers only.

(3) Applicant must show that device intended use is not for consumers and general public.

Description: Device is for industrial/commercial use.

(4) Explain what is unique, sophisticated, complex, or specialized about the equipment that REQUIRES it to be installed by a professional installer?

Description: Network elements such as wifi AP/sensor/switch - like NWA1050, are not comparable to any similar product available out in the market. Reason is, these elements cannot operate individually, they need to be connected to the cloud systems in order to operate and provide the WiFi service. To connect to the cloud infrastructure, there is a set of process to be followed, otherwise these elements will not function properly unless fully managed by cloud software. All these devices are bound together, hence need a professional trained person for installing.

4. Other professional installation requirements

(1) Installation must be controlled.

Description: The product will be distributed through controlled distribution channel which has special trained professional to install this product

(2) Installed by licensed professionals.

Description: Device sold to dealer who hires installers and need special trained professional in configuring and installing the product.

(3) Installation requires special training.

Description: The product needs special programming, access to keypad, field strength measurements made, so must need special trained professional in configuring and installing the product.

If you should have any question(s) regarding this declaration, please don't hesitate to contact us. Thank you!

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