

Legrand AV Inc.

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PROFESSIONAL INSTALLATION ATTESTATION

Date: 2022-12-29

FCC ID: W59AP3025

We, [Legrand AV 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: The device is an outdoor Access Point and requires trained professionals to configure and install. For more details, please refer to the user manual exhibit included with this application.

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

Description: The list of antennas below is compliant with FCC Rule Part 15. For more details, please refer to the test reports.

Antenna NO.	RF Chain NO.	Brand	Model	Antenna Net Gain(dBi)	Frequency range	Antenna Type	Connector Type	*Cable Length
1	RF Chain 0	Nienyi Industrial Corp	NYSS390	6.5	2400~2500	Dipole	ipex(MHF)	30mm
2	RF Chain 1	Nienyi Industrial Corp	NYSS390	6.5	2400~2500	Dipole	ipex(MHF)	30mm
3	RF Chain 0	Nienyi Industrial Corp	NYSS390	5	5150~5850	Dipole	ipex(MHF)	30mm
4	RF Chain 1	Nienyi Industrial Corp	NYSS390	5	5150~5850	Dipole	ipex(MHF)	30mm

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: The average customer does not have the necessary training and skills to install the product in a safe and correct manner. The product will not be sold in retail stores for this reason.

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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 and will not be sold directly to the general public through retail stores. 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: The product must be placed correctly to ensure proper antenna orientation and operation. Unit is typically mounted on the side of a building or on a pole above ground which requires a ladder and specialized skills to install. All watertight seals must be properly installed for proper operation and to prevent premature failure and/or a risk of electrical shock.

4. Other professional installation requirements

(1) Installation must be controlled.

Description: The product will be distributed through controlled distribution channel which has special trained professionals to install this product to ensure it is done safely and correctly.

(2) Installed by licensed professionals.

Description: Installation of the product requires running CAT-5 cable for POE power from an interior to an outdoor location. There is a risk of electrical shock and damage to the structure if this is done improperly. Installation frequently involves installing watertight exterior power boxes on the structure. Depending on the distance of the installation location from the structure, it can require trenching channels to run cables underground, mounting hardware properly to the outside of structures without damaging siding, installation of posts, and other actions which require a trained professional. Every step of this installation must be done in such a way as to ensure the product's seals are watertight, the structure remains watertight, and all applicable code for construction and installation has been followed.

(3) Installation requires special training.

Description: The product needs special setup using additional complex equipment and requires field strength measurements. A specialized, trained professional must be used for 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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