



1523 26th St, Santa Monica, CA 90404, USA
TEL: + 8006561918

PROFESSIONAL INSTALLATION ATTESTATION

Date: 2021/11/9

FCC ID: 2AEUPBHASG001

We, **Ring LLC** 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 Gateway 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.

RF Chain NO.	Brand	Model	Antenna Net Gain(dBi) (Including cable loss)	Frequency range	Antenna Type	Connector Type	*Cable Length
WiFi 0	Inpaq	RFPCA520814IMLB301	8.04	2.4~2.4835GHz	PIFA	i-pex(MHF)	149mm
			8.81	5.15~5.85GHz			
WiFi 1	Inpaq	RFPCA501016IMLB301	8.26	2.4~2.4835GHz	PIFA	i-pex(MHF)	165mm
			8.64	5.15~5.85GHz			
BT	Inpaq	RFPCA520815IMAB301	6.88	2.4~2.4835GHz	PIFA	i-pex(MHF)	210mm
LoRa/FSK (outdoor)	Inpaq	RFDP A563600AFRBX01	5.5	902~928MHz	Dipole	R-N type(F)	1000mm
LoRa/FSK (indoor)	Inpaq	FDPA161500AMUB801	2.8	902~928MHz	Dipole	R-N type(M)	NA
GPS(L1)	Inpaq	RFPCA621512IMTB301	7.26	1575MHz	PIFA	i-pex(MHF)	NA
GPS(L5)	Inpaq	RFPCA711620IMTB301	6.06	1176MHz	PIFA	i-pex(MHF)	NA

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.

- (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 store. It will be sold to authorized dealers or installers only.



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

Description: Device is for industrial/commercial use.

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

Description:

The device antenna installation, antenna cable routing, surge protection and ground cable Installation are required professional installer to install the device

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 need 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!

Slash Chang / Engineer, Ring

Ring LLC

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