

RB-G-RX10 external antenna as it is a Professional installation.

- PROFESSIONAL INSTALLATION (KDB 353028 D01, sections II.A.2.c) attestation.

c) Professional installation

i) Professional installation must be justified in the filing, and grant condition must state “This device must be professionally installed.”

Justification to support professional installation is given below and as part of this FCC filing.

The grant contains the required text "This device must be professionally installed".

ii) Professional installation does not permit use of any antenna with the transmitter; the permitted types of antenna must be specified.

The permitted antenna used with this device is a monopole antenna. This is stated in the Operational Description, illustrated in the external photos and supplied with the device as shown in the installation guide.

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

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

The device is sold directly to automatic gate manufacturers, distributors and installers and, hence, is not made available to the general public.

Installation of an automated gate system is performed by professionally trained installers to fulfil required safety standards.

(2) Marketing—Device cannot be sold via retail to the general public or by mail order; it must be sold to authorized dealers or installers only.

The device is sold directly to automated gate manufacturers, distributors and installers and is not made available for general public consumption.

(3) Filing must show that intended use is not for consumers and general public; rather device is generally for industrial/commercial use.

The device is part of an automated gate system as stated and illustrated in the Installation Guide.

The installation guide states that the device "provides a wireless connection that controls the associated gate".

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

Correct installation of the device is required to ensure the safety requirements for the installation of the automated gate system that this device is part of are met.

iv) Other professional installation requirements.

(1) Installation must be controlled.

An automated Gate installation is complex, requiring many different technologies and processes. The various components and devices (operators, access control, pavement loops, entrapment protection, etc) need to be carefully specified to work properly together. As a result, installation of an automatic gate system that includes this device is performed by professionally trained installers.

(2) Installed by licensed professionals (e.g., device sold to dealer who hire installers).

This device is only sold to automated gate manufacturers, distributors and installer and is not made available on the general retail market for the average consumer to purchase.

(3) Installation requires special training (e.g., special programming, access to keypad, field strength measurements made).

Training is provided on the installation of this device as part of the overall installation of the automatic gate system to maintain the safety requirements of the automatic gate system.

In addition, only professional installers with specific automatic gate system knowledge have the required capability to adjust, repair or replace this device.

THE INQUIRY IS:

The device is supplied with a monopole antenna that has an F-type connector.