

# External antenna as it is a Professional Installation

PROFESSIONAL INSTALLATION (KDB 353028 D01, sections II.1.2.c) attestation.

## 1 Products concern:

HIKOB Reference	Model	Version	Variant	Dossiers	Description
GATEWAY H-GL201A-P	PCL2	2.01	A	FCCID: 2ARX6-PCL20	<b>Software:</b> gateway lite <b>Configuration:</b> Park
GATEWAY H-GL201A-T	PCL2	2.01	A	FCCID: 2ARX6-PCL20	<b>Software:</b> gateway lite <b>Configuration:</b> Traffic
LIZARD H-AT201A	PCL2	2.01	A	FCCID: 2ARX6-PCL20	<b>Software:</b> lizard <b>Configuration:</b> lizard

## 2 Professional installation

### **KDB 353028 D01, sections II.1.2.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 product is supplied with a stick antenna (ANT-SS2.4G). In case this antenna is not enough to ensure the proper functioning of the system, HIKOB sells a remote roller antenna (TANGO24/1M/SMAM/S/RP/17). Only these two antennas can be used.

**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 manufacturers, distributors and installers of equipment for parking and traffic solutions and is therefore not available to the general public.

The installation of a traffic control or parking management system is carried out by professional installers trained to meet the 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 manufacturers, distributors and installers of equipment for parking and traffic solutions and is therefore not available to the general public.

*(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 a subpart of a more complex system as shown and illustrated in the Installation Guide.

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

The correct installation of the device is necessary to ensure compliance with the safety requirements for the installation of the global system of which this device is a part.

**iv. Other professional installation requirements.**

*(1) Installation must be controlled.*

A parking control or traffic control installation requires a configuration and calibration phase that can only be carried out by trained professionals

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

The device is sold directly to manufacturers, distributors and installers of equipment for parking and traffic solutions 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).*

A parking control or traffic control installation requires a configuration and calibration phase that can only be carried out by trained professionals