

# Antenna Declaration

To who concern,

According to antenna requirement - section 15.203 and KDB 353028 D01 Antennas Part 15 Transmitters v01, We Nortek Security & Control LLC, hereby declare that the following description about the antenna can be used to demonstrate compliance.

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

N/A

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

Yes, the device has an external antenna, which not permit uses of any antenna with the transmitter; the permitted types of antenna must be specified as below:

Antenna Manufacturer: JIADE WIRELESS TECHNOLOGY (SHEN ZHEN) Co., LTD  
Model number: JD-B3DB-SMA; Gain (dBi): 3; VSWR: 1.92

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.

This device requires a Signicant technology engineering expertise towards understanding of the tools and relevant technology, not readily available to average consumer. Only a person professionally trained in the technology is competent.

(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.

Yes, this device is not directly marketed or sold to general public.

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

Yes, the device is not for consumers and general public

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

Yes, the functions of this device supported include the following 8 X RJ45 RS-232 port, 2 X RJ45 RS-485 port, 12 X IR Output, 4 X Voltage Detection, 6 X Relay, 1 X RJ45 LAN/POE, and WIFI(2.4GHz&5GHz) connection, etc. must be setup by a professional installer.

iv) Other professional installation requirements.

(1) Installation must be controlled.

Yes, only a person professionally trained in the technology is permitted to install it.

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

Yes, only a person professionally is trained and approved in the technology by the manufacture.

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

Yes, this device requires a significant technology engineering expertise.

Sincerely,

A handwritten signature in black ink that reads "Horsen Ma". The signature is written in a cursive style with a large, stylized 'H' and 'M'.

2021-03-04

Sr. Manager  
Hardware Engineering

By: Horsen Ma  
(Signature/Title) (Print name)