



Date: 4 December 2023

To: Nemko North America, Inc.

Model number: ADC-VDB755P

FCC ID: YL6VDB755P

ISED ID: 9111A-VDB755P

ADC-VDB755P Operational Description

The ADC-VDB755P is an indoor/outdoor, residential/commercial, waterproof security camera with intercom and access control functionality. The unit draws PoE power, 48VDC 0.2A. The unit contains a slot for an SD card used for on-board recording.

The product contains three radios:

- The ADC-VDB755P has a Radar module with a nominal frequency of 24GHz with integrated antennas. The Tx antenna gain is 2dBi at 24.15GHz with a frequency range of 24.06 to 24.24GHz.
- The NFC module has an operating frequency of 13.56MHz with an external, custom antenna. The custom antenna gain is 1.5dBi with an operating range of 13.41 to 13.71MHz
- The ADC-VDB755P uses BLE for close range data transfers. This BLE module operates at 2.4GHz with a maximum transmit power of 7dBm. The BLE subsystem employs a chip antenna with an operating range of 2400 to 2484MHz with a VSWR maximum of 3 in that range.

All 3 radios can operate simultaneously.

The power system is regulated to IEEE 802.3af power over ethernet standards and passes all FCC and ICC standards applicable with the system and its radios.