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SureFlap Ltd

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Operating description

FCC details

FRN: 0019054196

FCC ID: XO9-DSCF1003

Model ID: DSCF v2

This device is a pet door with an integrated RFID reader that operates at 126 kHz or 133 kHz. The reader is normally used together with a sub-dermal RFID implant in the pet that is not provided with the product. The antenna is integrated into a short tunnel and may not be modified by the user. This tunnel goes through the door or wall that the pet door is installed in. The product has 2 read antennas and reacts to pets moving in both directions through the tunnel

The pet door incorporates an infrared proximity detector that monitors for the presence of the pet. When the pet's presence has been determined then the RFID reader tries to read the tag ID number and compares it to a previously stored list. If the ID tag matches one of the stored codes then a motorised lock is opened and the pet is allowed in or out.

The button when pressed puts the device into a learn mode. In this mode when a pet goes through the door the reader reads the pet's ID tag number and stores it in the list of allowed animals. This list can be wiped, if necessary, by holding down the same button.

The device is battery powered and does not have any external connections.

Yours faithfully,

A handwritten signature in blue ink, appearing to read "D Hallas", on a piece of paper.

Dr. David Hallas, Managing Director