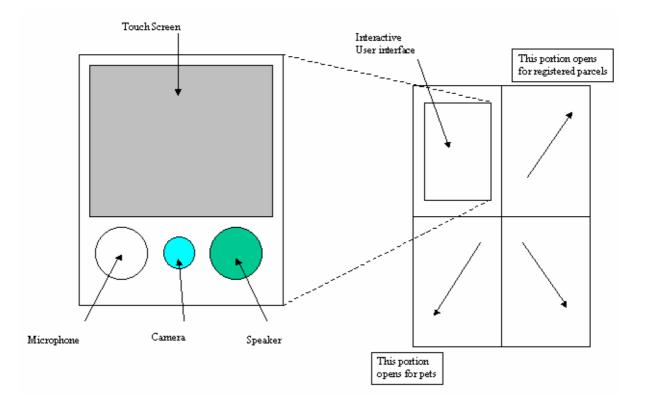# The Intelligent Door

What can it do?

1. Provides easy access for persons with access rights and denies access to and to take counter-action against potential intruders
2. Be re-locatable. The door must have built in flexibility to be displaced to another location when deemed necessary.
3. Provides security and protection.
4. Be able to be remotely controlled.
5. Door must have some form of user interface for interaction with the user, on both sides of the door. On the outside, it must have provision to identify the visitor and allow the visitor to communicate with the owner regardless of whether the owner is at home. On the inside, it must allow the owner to see the visitor at the door clearly and to allow the owner to communicate with him. It should also be able to provide information such as the weather and traffic condition.
6. The door should be transparent-on-demand. As deemed necessary by the owner, the door should be transparent when the owner feels the need for natural light and more openness. It should be opaque when the owner feels the need for privacy. Additionally, it should also be able to change colour to suit the mood of the owner. Such a system is already implemented in the LRT where the windows blur out when the LRT passes near HDB flats.
7. The door should remember the profile of all its users. For example, if the owner regularly takes a bath after returning home, the door should remember this and warm the water in the tub ahead of the owner's return.

Look and feel

Touch Screen

Interactive User interface

This portion opens for registered parcels

Microphone

Camera

Speaker

This portion opens for pets