[CLAIMS]

1. An interphone system for a housing complex, comprising:

a shared interphone and a first reader provided in a shared entrance of a housing complex;

an intra-housing interphone provided in each housing of the housing complex; and

a first controller that controls at least the shared interphone and the intra-housing interphone, wherein

the shared interphone starts capturing an image of a person located in the shared entrance when a registration number communicated to the person in advance is input, and

when an authentication operation by the person using a smart key is input, the first reader transmits authentication information related to the person to the first controller, and

the first controller

(1) determines whether the person is a resident of the housing complex or a visitor, based on the authentication information,

(2) when the person is determined to be a resident of the housing complex, transmits a signal for unlocking a door of the shared entrance, and

(3) when the person is determined to be a visitor, causes the shared interphone to output a content that prompts the visitor to input a room number, and, when the room number

is input in the shared interphone, transmits a signal for unlocking the door of the shared entrance and transmits a result of imaging by the shared interphone to the intra-housing interphone corresponding to the room number input.

2. The interphone system for a housing complex according to claim 1, further comprising:

a housing entrance interphone and a second reader provided in a housing entrance in the housing complex; and

a second controller that controls at least the housing entrance interphone and the intra-housing interphone, wherein

when an unlocking operation by the person using a smart key is input, the second reader transmits authentication information related to the person to the second controller, and

the second controller

(1) determines whether the person is a resident of the housing complex or a visitor, based on the authentication information,

(2) when the person is determined to be a resident of the housing complex, transmits a signal for unlocking a door of the housing entrance, and

(3) when the person is determined to be a visitor, causes the housing entrance interphone to start capturing an image of the visitor, transmits a signal for unlocking the door of the housing entrance, and transmits a result of

imaging the visitor by the housing entrance interphone to the intra-housing interphone.

3. The interphone system for a housing complex according to claim 2, wherein

when a locking operation by the person using a smart key is input, the second reader transmits authentication information related to the person to the second controller, and

the second controller

(1) determines whether the person is a resident of the housing complex or a visitor, based on the authentication information,

(2) when the person is determined to be a resident of the housing complex, transmits a signal for locking the door of the housing entrance, and

(3) when the person is determined to be a visitor, causes the housing entrance interphone to start capturing an image of the visitor, transmits a signal for locking the door of the housing entrance, and transmits a result of imaging the visitor by the housing entrance interphone to the intra-housing interphone.

4. The interphone system for a housing complex according to claim 2 or 3, wherein

the second controller is integrated with the intra-

housing interphone.

5. An interphone system for a housing complex, comprising:

a shared interphone and a reader provided in a shared entrance of a housing complex;

an intra-housing interphone provided in each housing of the housing complex; and

a controller that controls at least the shared interphone and the intra-housing interphone, wherein

the shared interphone starts capturing an image of a person located in the shared entrance for a predetermined period of time when a registration number communicated to the person in advance is input, and

when an authentication operation by a person using a smart key is input, the reader transmits authentication information related to the person to the controller, and

the controller

(1) determines whether the person is a resident of the housing complex or a visitor, based on the authentication information,

(2) when the person is determined to be a visitor, causes the shared interphone to transmits a result of imaging by the shared interphone to the intra-housing interphone.

6. An interphone system for a housing complex,

comprising:

a camera and a reader provided in a shared entrance of a housing complex;

an intra-housing interphone provided in each housing of the housing complex; and

a controller that controls at least the camera and the intra-housing interphone, wherein

the camera starts capturing an image of a person located in the shared entrance for a predetermined period of time when a registration number communicated to the person in advance is input, and

when an authentication operation by a person using a smart key is input, the reader transmits authentication information related to the person to the controller, and

the controller

(1) determines whether the person is a resident of the housing complex or a visitor, based on the authentication information,

(2) when the person is determined to be a visitor, causes the camera to transmits a result of imaging by the camera to the intra-housing interphone.

7. An interphone system for a housing, comprising:

an entrance interphone and a reader provided in an entrance of a housing;

an intra-housing interphone provided in the housing;

and

a controller that controls at least the entrance interphone and the intra-housing interphone, wherein

the entrance interphone starts capturing an image of a person located in the entrance for a predetermined period of time when a registration number communicated to the person in advance is input, and

when an authentication operation by a person using a smart key is input, the reader transmits authentication information related to the person to the controller,

the controller

(1) determines whether the person is a resident of the housing complex or a visitor, based on the authentication information,

(2) when the person is determined to be a resident of the housing, transmits a signal for unlocking a door of the entrance, and

(3) when the person is determined to be a visitor, causes the entrance interphone to transmits a signal for unlocking the door of the entrance, and transmits a result of imaging the visitor by the entrance interphone to the intra-housing interphone.

8. The interphone system for a housing according to claim 7, wherein

when a locking operation by a person using a smart key

is input, the reader transmits authentication information related to the person to the controller, and

the controller

(1) determines whether the person is a resident of the housing or a visitor, based on the authentication information,

(2) when the person is determined to be a resident of the housing, transmits a signal for locking a door of the entrance, and

(3) when the person is determined to be a visitor, causes the entrance interphone to start capturing an image of the visitor, transmits a signal for locking the door of the entrance, and transmits a result of imaging the visitor by the entrance interphone to the intra-housing interphone.

9. The interphone system for a housing according to claim 7 or 8, wherein

the controller is integrated with the intra-housing interphone.