

## Principle Description

After a user presses the call key, the outdoor unit triggers the outdoor CPU. The CPU then starts the camera and controls the 2.4 G wireless module to send commands via the antenna. The commands are used to call indoor unit. The indoor unit receives wireless signals via the antenna and then sends the signals to the 2.4 G wireless module. After the CPU correctly reads call signals, it controls the 2.4 G wireless module to send feedback signals via the antenna and enables the audio module that waits outdoor audio signals.

After the outdoor unit controls the 2.4 G wireless module and receives feedback signals via the antenna, wireless transmission and reception are set up and people in a room and outside the door can talk to each other.

After the user in the room presses the unlock key of the indoor unit, unlock signals are transmitted in a wireless manner to unlock the door.