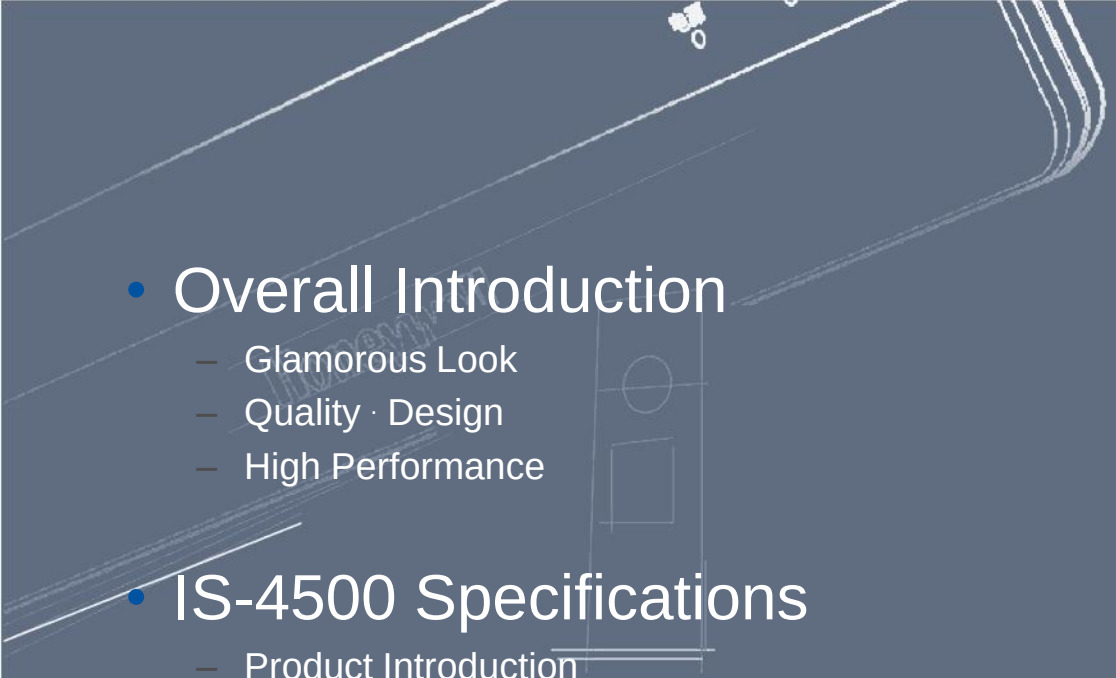
IS-4500 TCP/IP Video Door Phone System

Honeywell

MoMas™ my modern home. 畅享智能生活



- Overall Introduction
  - Glamorous Look
  - Quality · Design
  - High Performance
- IS-4500 Specifications
  - Product Introduction
  - Functionality Characteristics
  - Dimensions
  - Connection
- IP Video Door Phone System Illustration
  - Internet Structure
  - System Configuration
  - Product List

Leader of Automation Control—Automation control technologies are one of the things Honeywell is known for. The smart home is right in our core area of expertise

Refined Workmanship— Hundred-year manufacturing process control standards from Honeywell to build an advanced, flexible and reliable digital visual intercom system

Leading Security Technology — Incorporating the professional-level intrusion alarm function to the intercom system to help create a safer living environment

A New Lifestyle — Your home and your loved ones are your most precious asset, so a home security and control system is one of the most important investments you'll ever make to bring a connected home

IP VDP INNOVATOR…

In Pursuit of Perfection……

frog

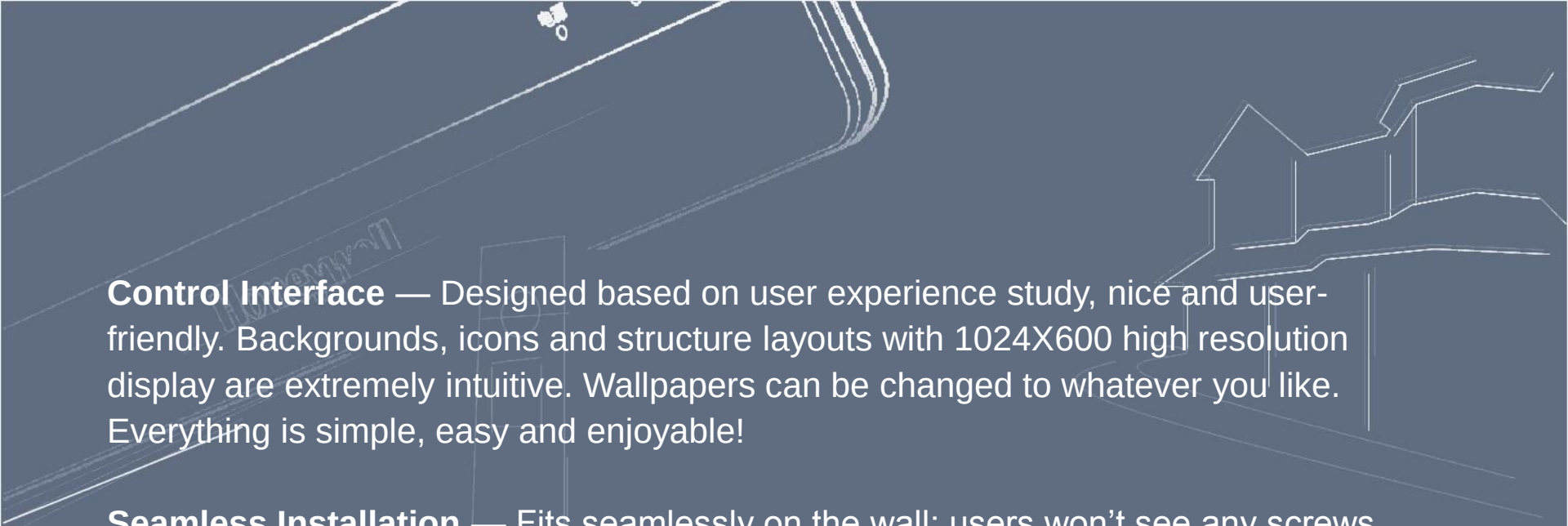
frog™ Design — 16.5 mm ultra slim body designed by frog™, bringing you brand new visual experience; the elegant silver body color fits various interior designs

Quality Metal — High quality silver anodized aluminum back cover fits various interior decorating styles.

Glass Panel — Flat-screen vandal resistant glass, making scratches difficult to stay; just a few wipes can bring a glossy surface back and provide a brilliant look every day

HD Camera—2.0 Mega Pixel CMOS camera bringing the intercom into the new HD era

Engineering and Art Ingeniously Integrated...



Control Interface — Designed based on user experience study, nice and user-friendly. Backgrounds, icons and structure layouts with 1024X600 high resolution display are extremely intuitive. Wallpapers can be changed to whatever you like. Everything is simple, easy and enjoyable!

Seamless Installation — Fits seamlessly on the wall: users won't see any screws either in the front or from the side angle, making the flush mounting almost perfect. Capacitive Touch Screen Technology — Makes the operation more accurate, more responsive and more user-friendly.

Easy Integration-- Designed to be easily integrated with MoMas™ Honeywell Smart Home Systems, thus providing complex developers the infinite possibilities of expandable intelligent community solutions.

IS-4500 IP Video Door Phone

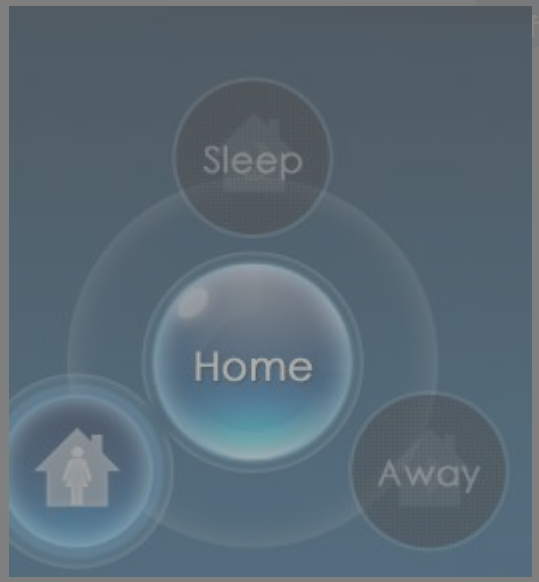
Flat-screen vandal resistant glass panel
2.0 Mega Pixel CMOS camera
High quality anodized aluminum back cover
Micro SD slot, plug and play
Emergency button
7 " TFT LCD screen
Sleep
Home
Away
5 ℃ | Cloudy
0~12 ℃
22:38
2011-01-17 Monday
Guard
Office
Security
Visitors
Call
Messages
Elevator
Honeywell

Find out more about IS-4500……

Communications·IS-4500

Security Scenario Shortcut

Screen Lock for Cleaning



Key Function Shortcuts

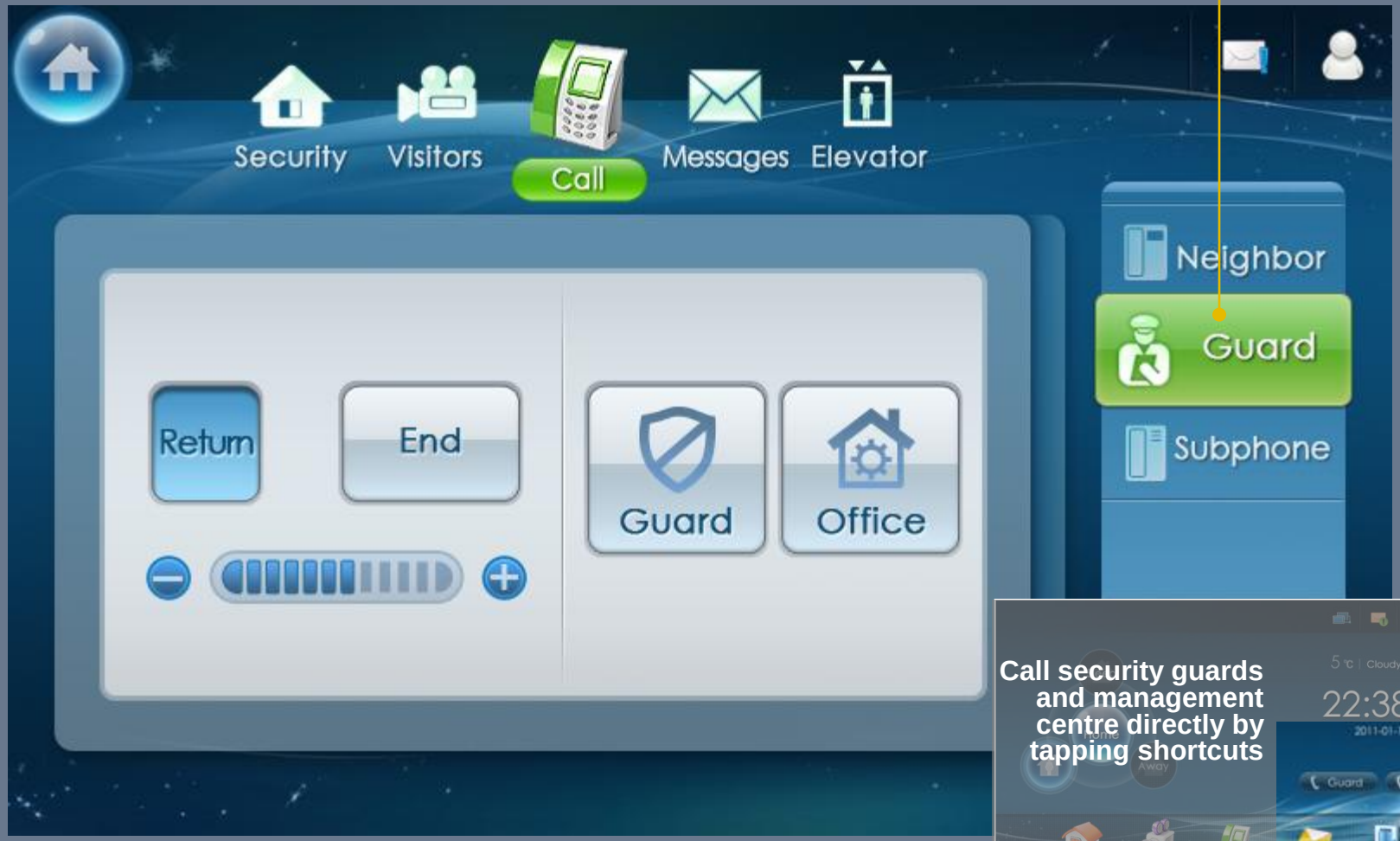
Tap to Call Security Guards and Management Center

Sleep
Home
Away
5 ℃ | Cloudy
0~12 ℃
22:38
2011-01-17 Monday
Guard
Office
Security
Visitors
Messages
Elevator

Video and audio communication with neighbors

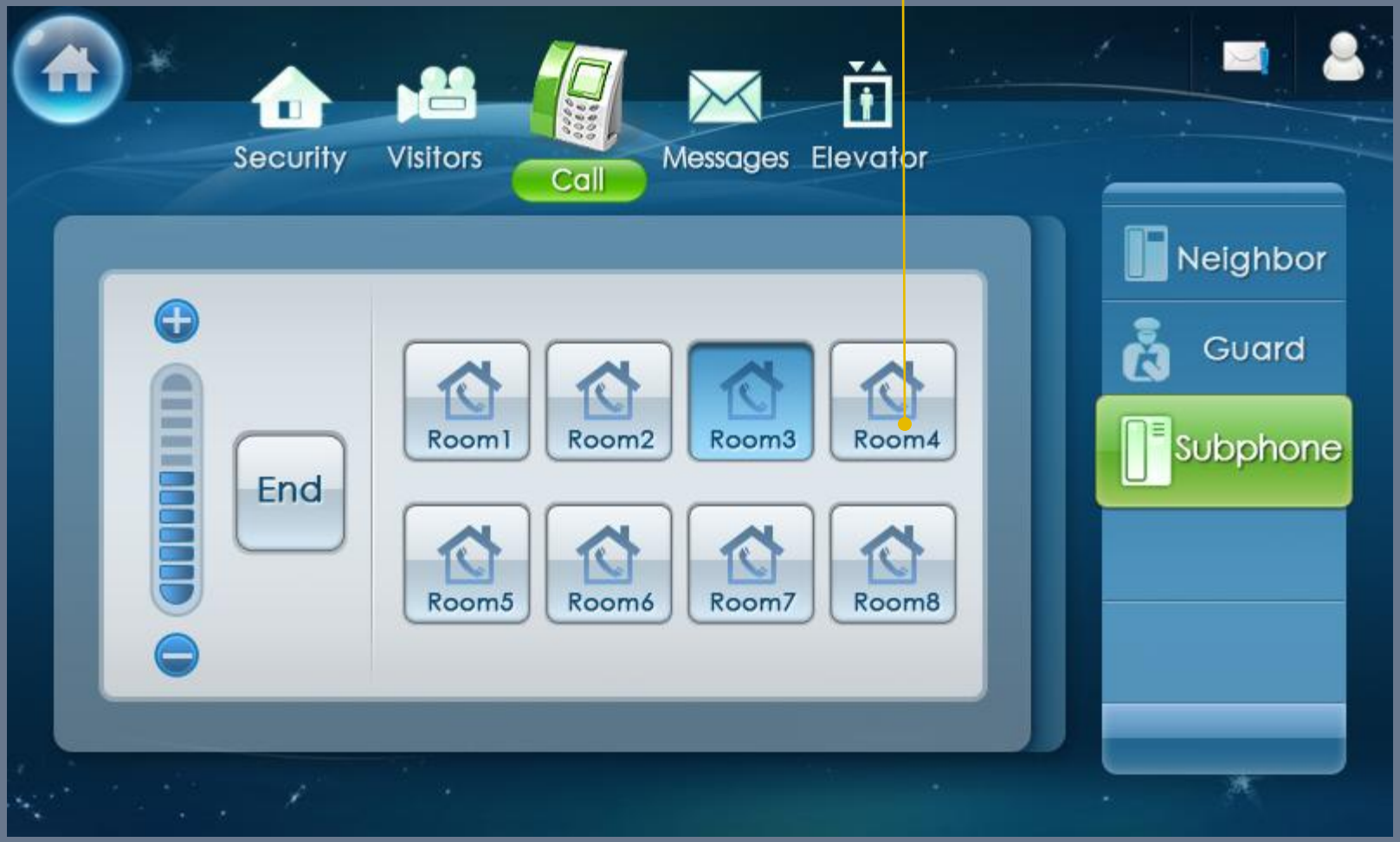
No volume control Yes

Tap to call management center



Call security guards and management centre directly by tapping shortcuts

Supports up to 8 subphones, subphone communication and door-open via subphones

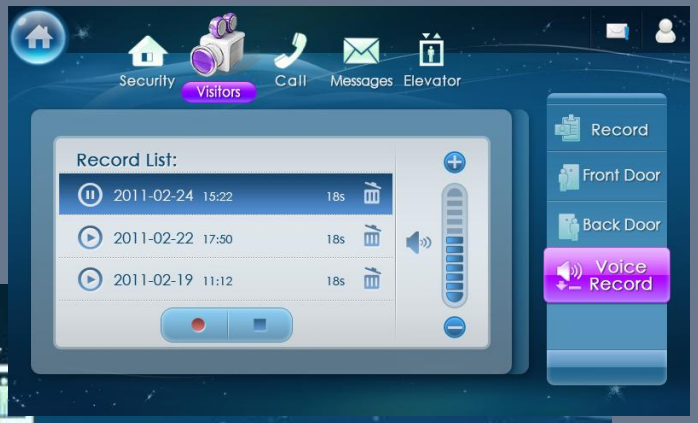


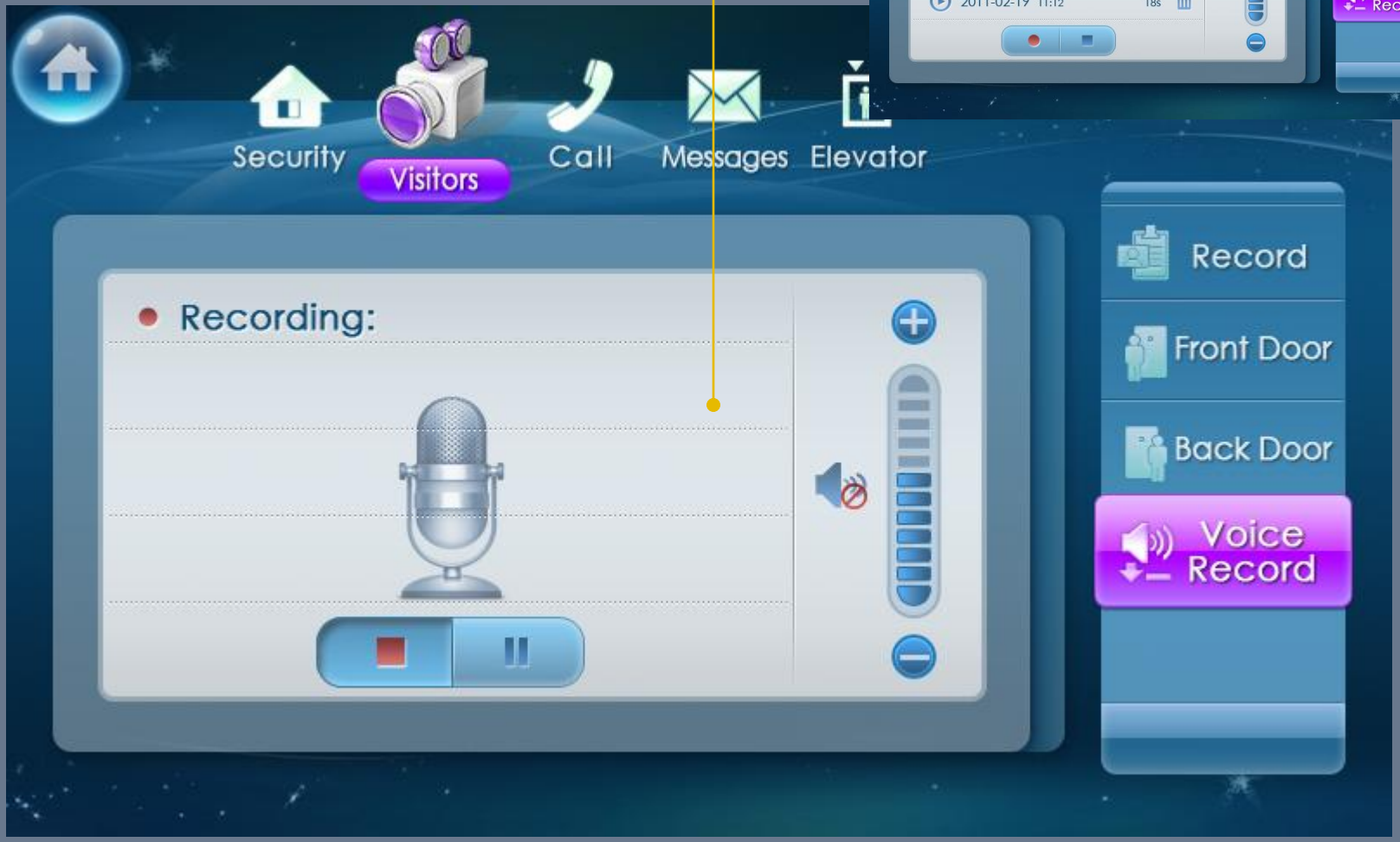
Direct connection to management centre through IP sub phones

Up to 30 visitor photo storage,
press arrow to preview

record

3 away voice messages, maximum 60 second each





record

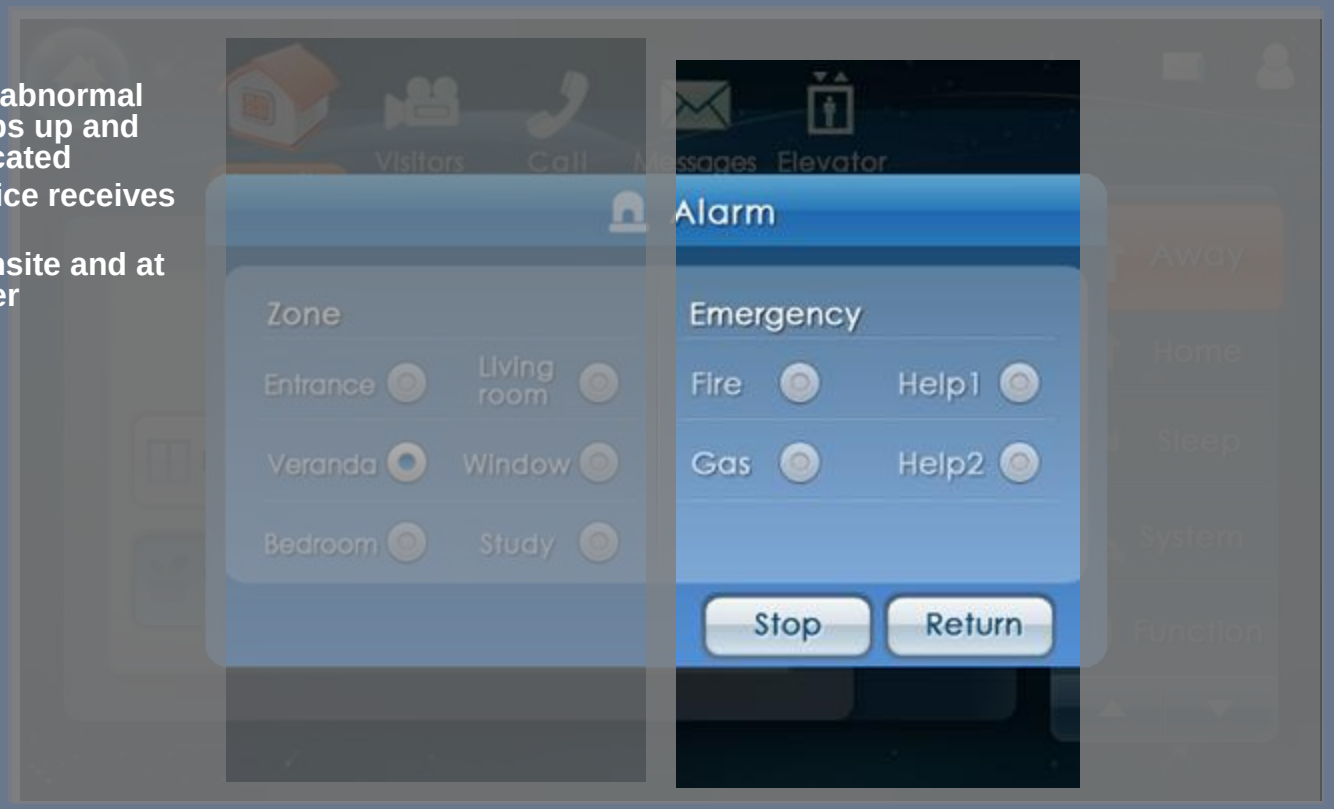
Front/Back Door Monitoring

Security scenario shortcuts

When there exists the abnormal zone, alarm notice pops up and abnormal zone is indicated

The administrator device receives the alarm notice

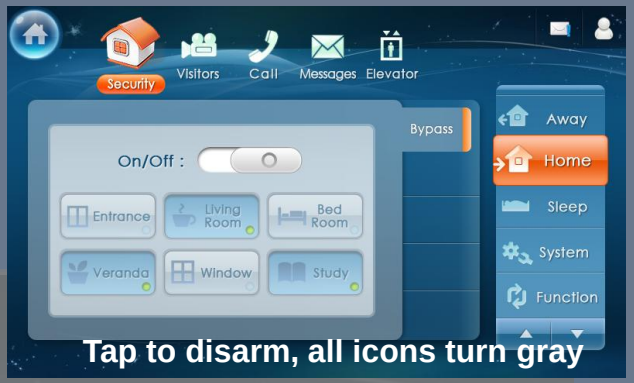
Alarm buzzing both onsite and at the management center



Press ‘Help’ to send alarm notice and activate alarm buzzing at the management center

Can also get help by press the emergency buttons

Advanced intrusion protection configuration



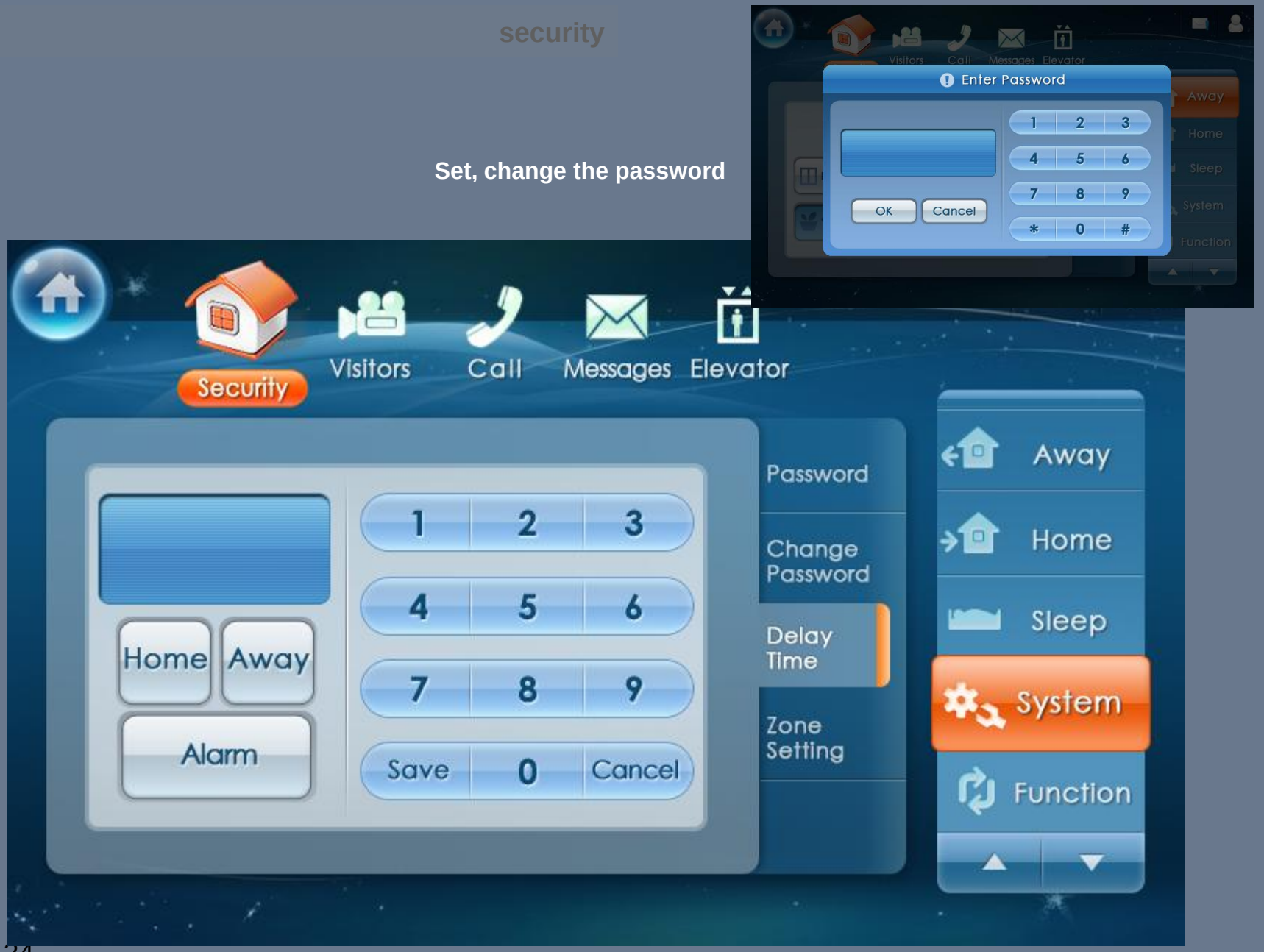
Tap to activate protection zones, icons turn green

Tap to disarm, all icons turn gray

 Customization of entry/exit delay time for main entrance

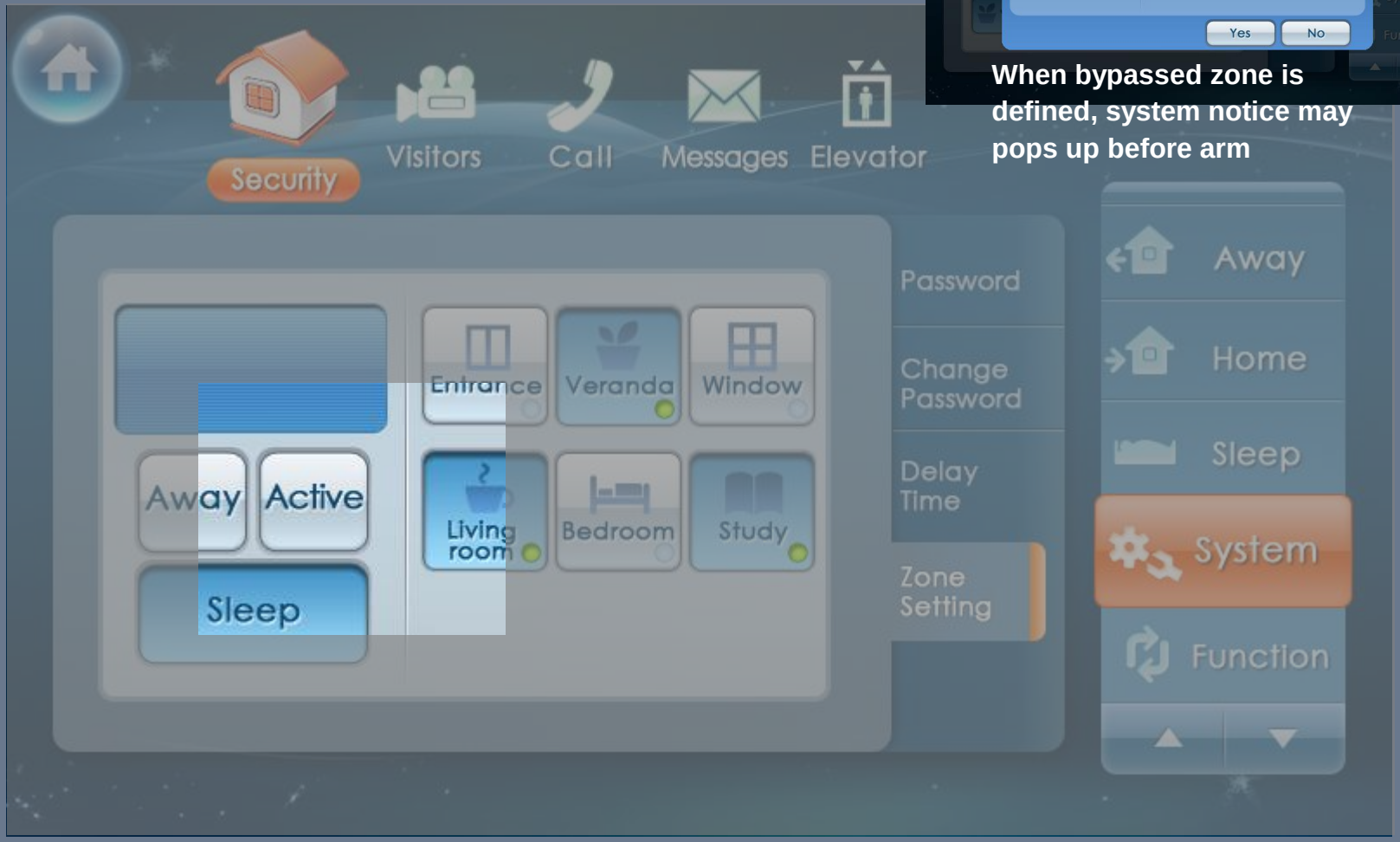
security

Set, change the password



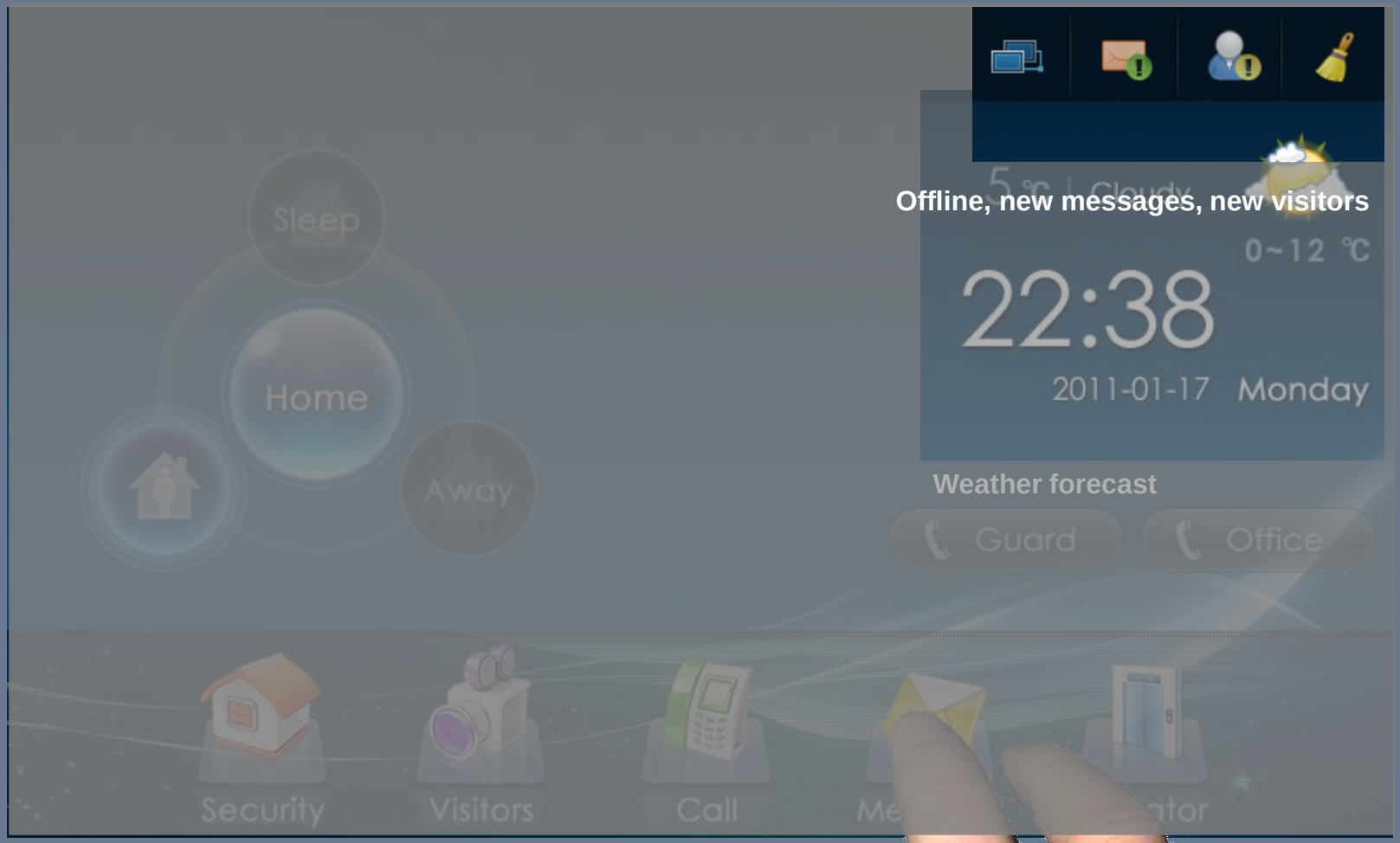
Customization of bypassed zone under Away scenario

When bypassed zone is defined, system notice may pops up before arm



information

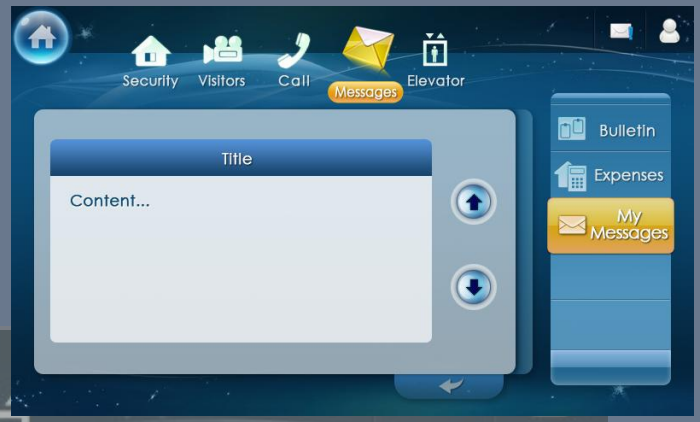
Concurrent information update

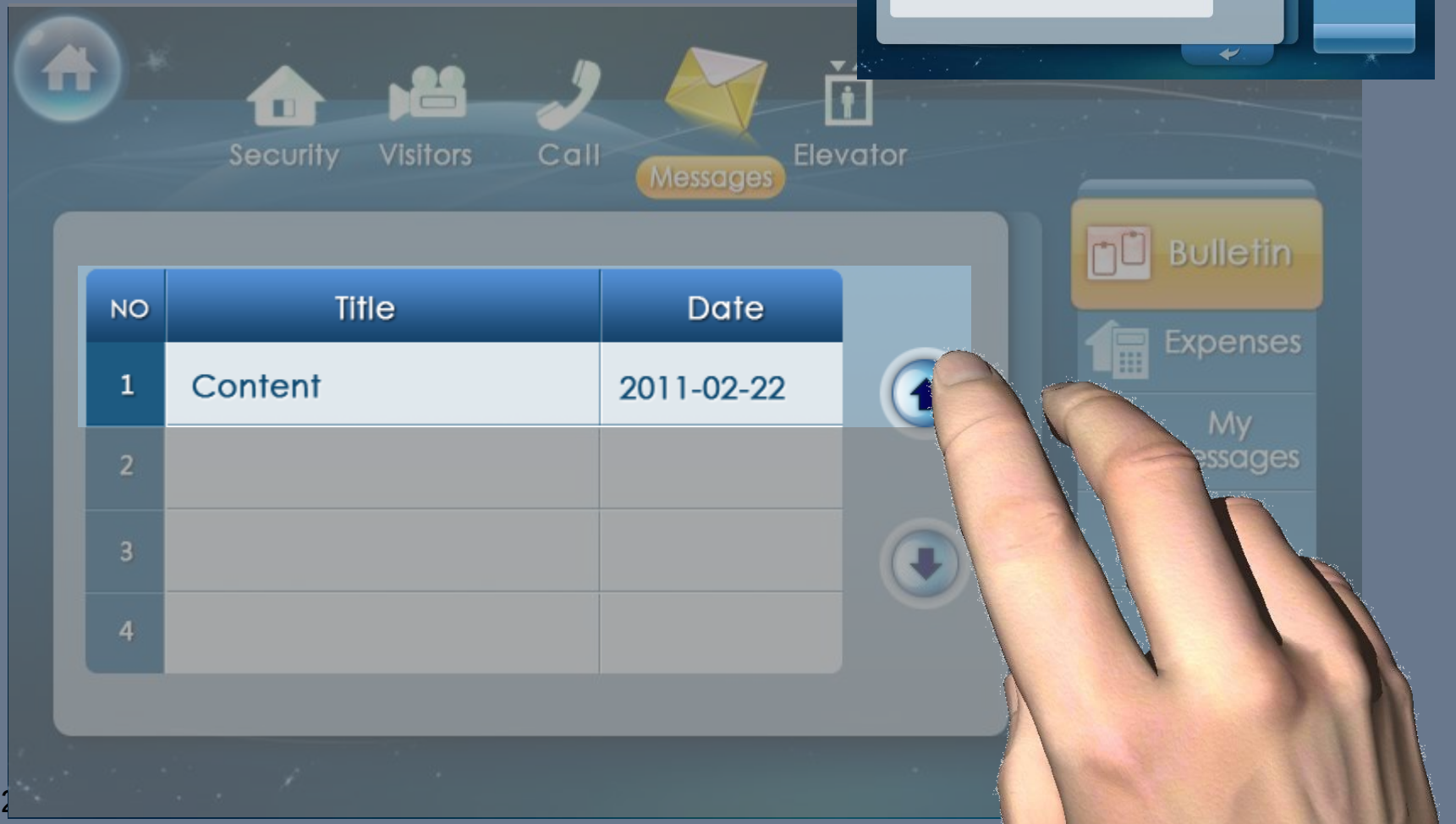


Offline, new messages, new visitors

Weather forecast

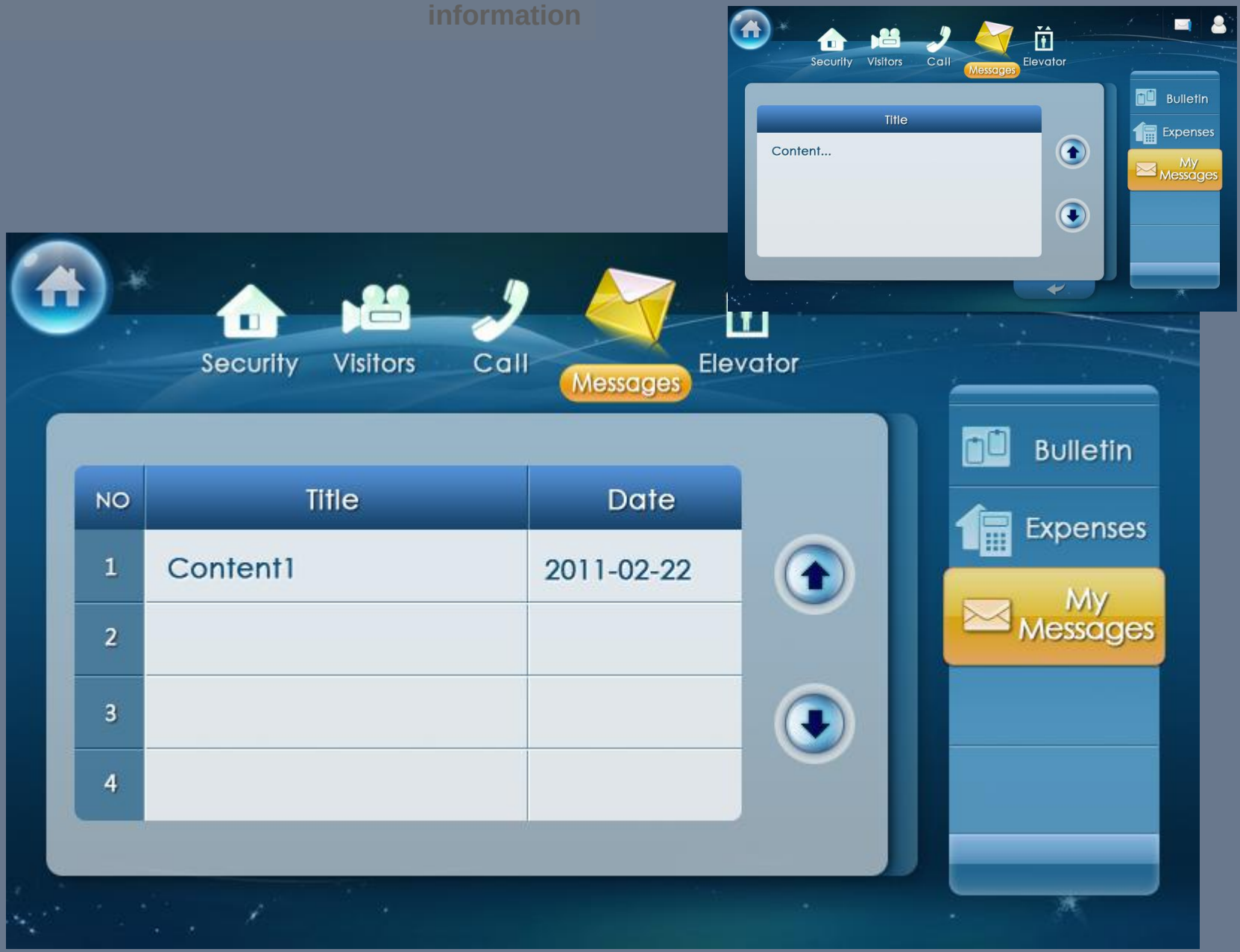
Tap to view bulletin board, dropdown to check up to 50 messages





information

information



elevator control

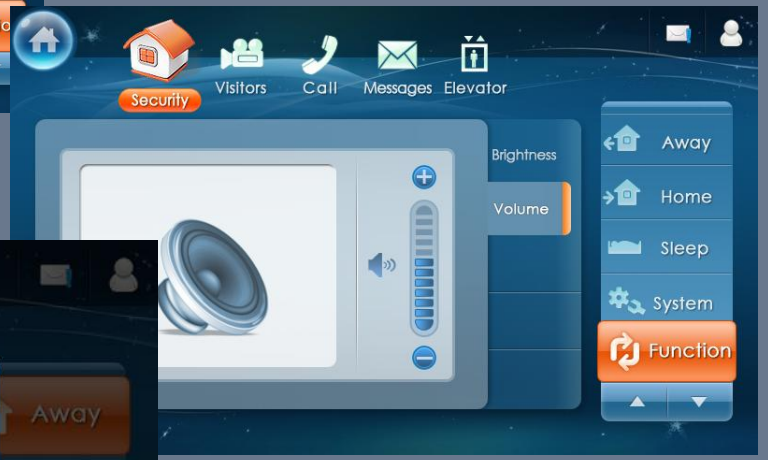
personalization

Only take seconds to personalize ring tones and background from the collection in micro SD card

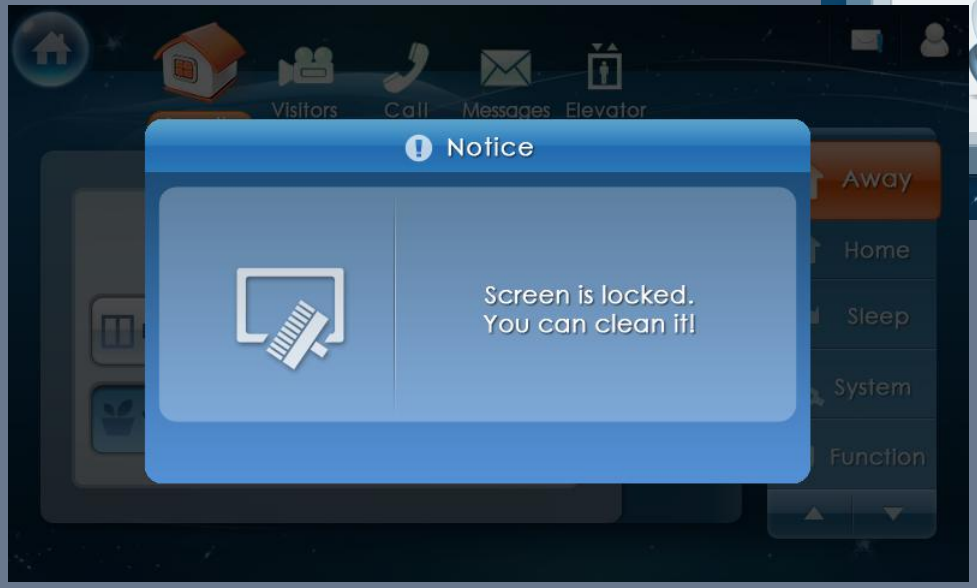
easy plug-and-play

personalization

Brightness control



Volume control



Screen lock for clean

IS-4500 Features Summary

Communication

- Communication between property owner and visitors
- Communication with neighbors
- Communication with property owners and security guards
- In-house inter-communication,
- Supports up to 8 sub phones
- Door striker release and management center call (HSP-2000C)
- Supports 2 door cameras
- Command center and building security guards communication
- Visitor triple identification (community/building/unit)
- Call forwarding and multi-level management
- Management center call shortcut on GUI

Video Monitoring

Public area monitoring via compatible models of IP cameras (lift lobby, mailbox zone, playground, parking lot, etc.)

Security

- Security scenario customization: Away/Home/Sleep
- 6 customized security zones, 2 24-hour protection zones (fire/gas), 2 emergency buttons
- System self-diagnostics, alarm for abnormal zones
- Password and time delay setup
- Bypassed zone under Away scenario
- Alarm popup on GUI and onsite alarm buzzing
- Concurrent management center notification and alarm buzzing
- 2 Emergence alarms: Silent alarm to notify security guards and management center without onsite emergency alarm sound, voice alarm to notify security guards and management center with onsite emergency alarm at the same time
- Fire alarm/gas leakage alarm/infrared sensor alarm SMS to 10 pre-set cell phone numbers supported by ISNET-P2-C.
- Front and back monitoring through door cameras

Access Control

- Triple visitor entry identification (community/building/apartment), supported by lobby phone and door cameras.

Information Service

- Time, date and weather forecast
- 50 community messages (bulletins)
- 50 expense messages
- 50 my messages

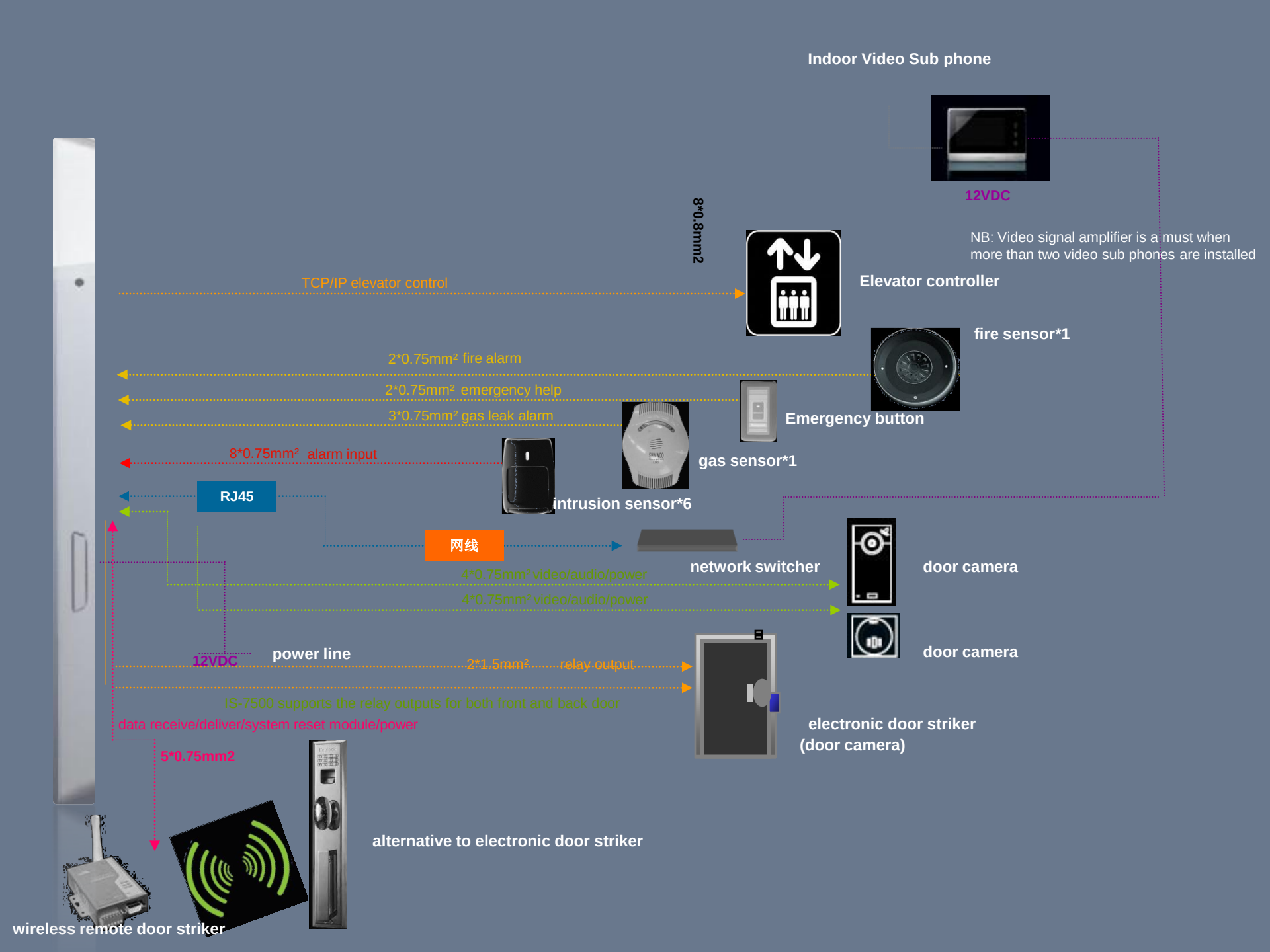
Storage

- Store up to 30 visitor photos for property owners and management center
- 3 away messages, each can reach to 60 seconds
- Home page visitor record and message notice

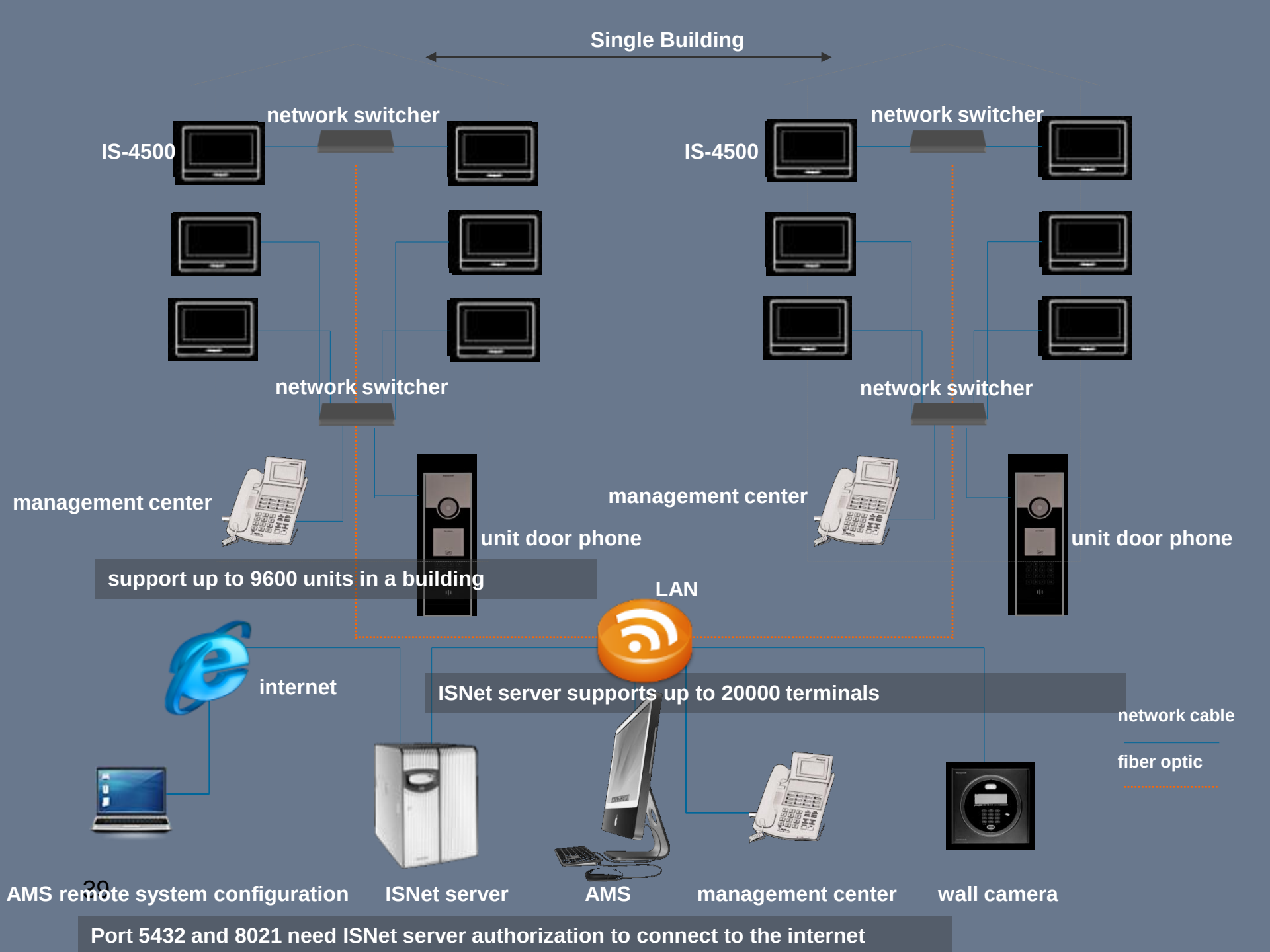
Elevator Control

- Standard TCP/IP protocol
- Support elevator control and authorization

Connection Diagram


Indoor Video Sub phone
12VDC
NB: Video signal amplifier is a must when more than two video sub phones are installed
8*0.8mm2
TCP/IP elevator control
Elevator controller
fire sensor*1
2*0.75mm² fire alarm
2*0.75mm² emergency help
3*0.75mm² gas leak alarm
Emergency button
8*0.75mm² alarm input
gas sensor*1
RJ45
intrusion sensor*6
网线
network switcher
door camera
4*0.75mm² video/audio/power
4*0.75mm² video/audio/power
door camera
12VDC
power line
2*1.5mm²
relay output
IS-7500 supports the relay outputs for both front and back door
data receive/deliver/system reset module/power
electronic door striker
(door camera)
5*0.75mm2
alternative to electronic door striker
wireless remote door striker

Internet Structure


Single Building
network switcher
IS-4500
network switcher
IS-4500
network switcher
network switcher
management center
unit door phone
management center
unit door phone
support up to 9600 units in a building
LAN
internet
ISNet server supports up to 20000 terminals
network cable
fiber optic
AMS remote system configuration
ISNet server
AMS
management center
wall camera
Port 5432 and 8021 need ISNet server authorization to connect to the internet

TCP/IP Video Door Phone System