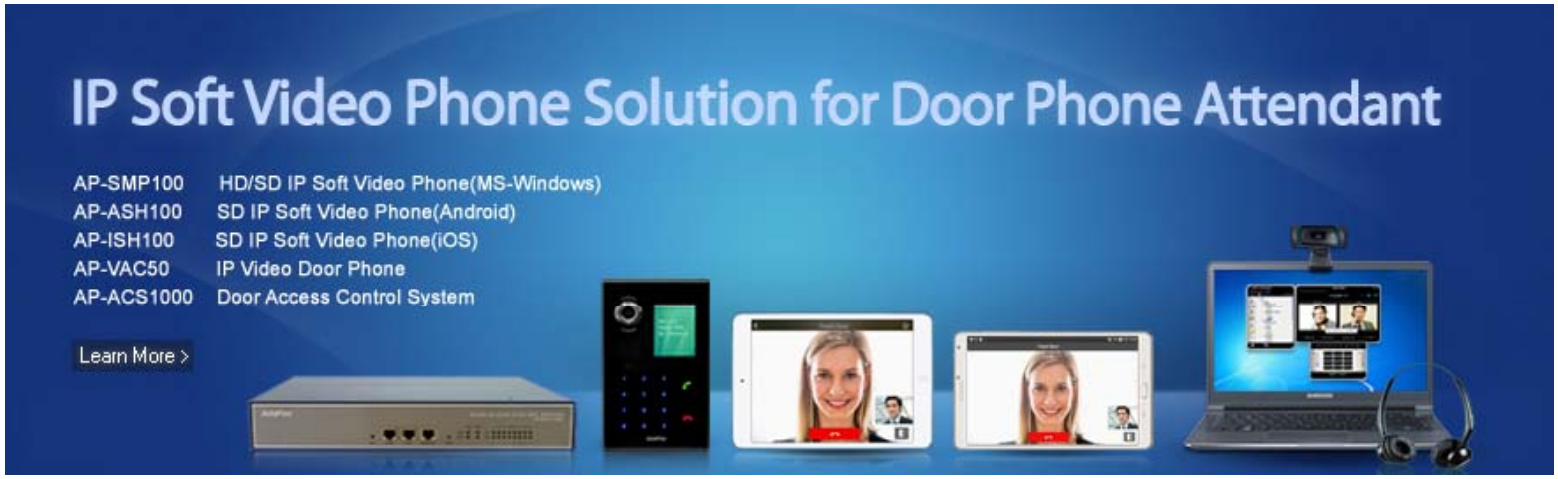
IP Soft Video Phone Solution for Door Phone Attendant



AddPac

AddPac Technology

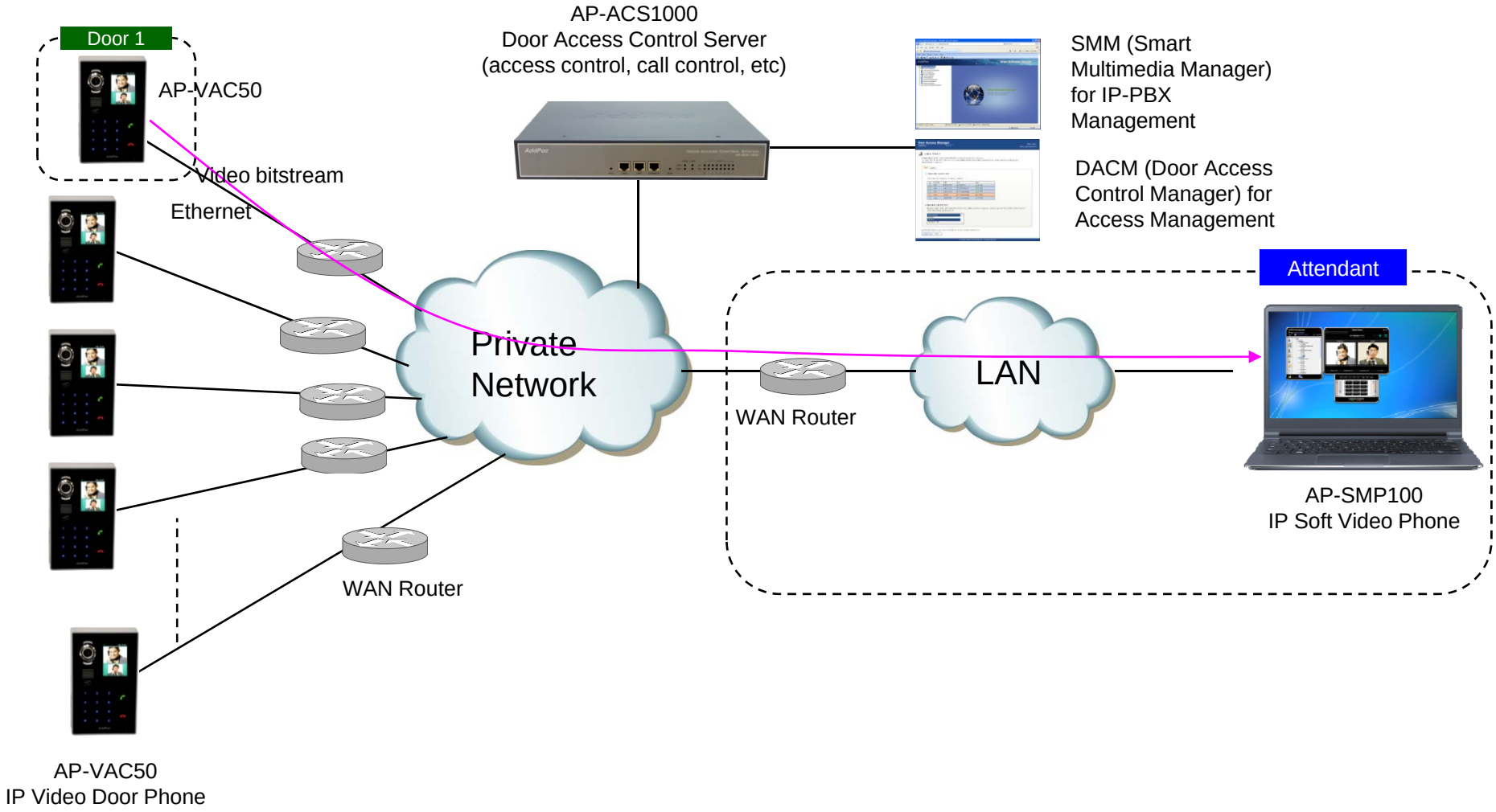
Sales and Marketing

www.addpac.com

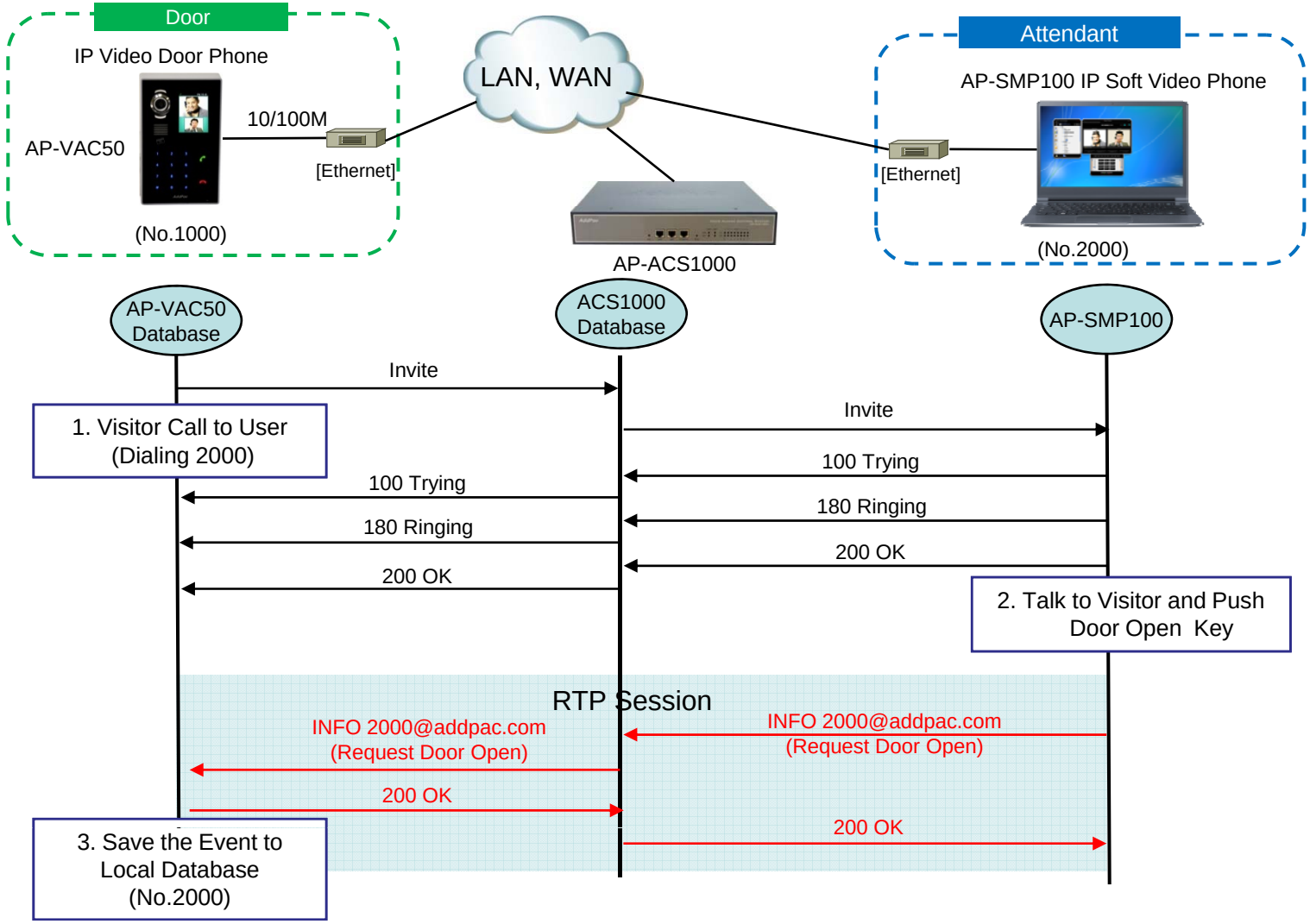
Contents

- IP Soft Video Phone Service Diagram
- SIP Call Flow Between Video Door Phone and Video Phone
- IP Soft Video Phone Comparison Table
- IP Soft Video Phone Series
  - AP-SMP100 HD/SD IP Soft Video Phone for MS-Window
  - AP-ASH100 SD IP Soft Video Phone for Android
  - AP-ISH100 SD IP Soft Video Phone for Apple IOS

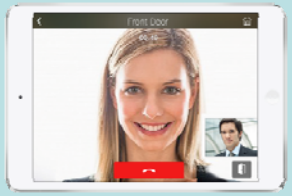
Network Diagram



SIP Video Call Flow



IP Soft Video Phone Comparison Table

Model / Spec.	AP-SMP100	AP-ASH100	AP-ISH100
			
OS	MS-Window	Android	Apple IOS
Video Codec Resolution	HD/SD Codec	SD Codec	SD Codec
Video Codecs	H.263 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264
Voice Codecs	G.711, G.726	G.711, G.726	G.711, G.726
Signaling	SIP, H.323*	SIP	SIP

AP-SMP100
HD/SD IP Soft Video Phone
for MS-Window

Product Overview

AP-SMP100 Smart Multimedia SoftPhone

- IP based Soft Video Phone Solution
- SIP Video Door Phone Attendant Solution
- Up to HD Video Resolution Support
- Various Soft Video Codec Support
- High-performance Video, Audio, and Voice Service
- Flexible Videoconferencing Deployment
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

Benefits and Features

AP-SMP100 Smart Multimedia SoftPhone

- MS-Window based IP Soft Video Phone
- Smart Multimedia (Video/Voice) Soft Phone
- Built-In Smart Messenger Function
- Up to 30fps with HD-Resolution(H.264)
- Video Conference Call Support (AddPac External MCU Inter-working)
- Advanced Voice/Video Traffic QoS
- SIP, H.323* Signaling Support
- Support Various Call Signal via AddPac IP-PBX Inter-working

Video Service and Features

AP-SMP100 Smart Multimedia SoftPhone

- High-performance Video Codec Support
  - H.263, MPEG-4, JPEG, and H.264
- Powerful Image Resolution Support
  - QCIF(176x144), CIF(352x288), QVGA(320x240), 4CIF, VGA, 720P HD (1280 x 720)
- Up to 30fps with HD Resolution(H.264)
- 64Kbps to 4Mbps Operating Video Traffic Bandwidth
- Rate Control for Video Traffic QoS
  - Ensuring Optimized Quality
  - Frame Rate with Limited Bandwidth
- High-end Error Resilient Against Various Packet Error

Main & A/V Service Features

AP-SMP100 Smart Multimedia SoftPhone



AP-SMP100

Main Features	MS-Window based IP Soft Video Phone
	IP Real-time Audio/Video Broadcasting Terminal Solution
	Up to 30fps with HD-Resolution(H.264)
	Video Conference Call Support (AddPac External MCU Inter-working) Advanced Voice/Video Traffic QoS
	Advanced Voice/Video Traffic QoS
	SIP, H.323* Signaling Support
	Support Various Call Signal via AddPac IP-PBX Inter-working
A/V Service Features	High-performance Video/Voice Codec Support - H.263, MPEG-4, JPEG, and H.264 - G.711,G.726
	Powerful Image Resolution Support -QCIF(176x144), CIF(352x288), QVGA(320x240), 4CIF , VGA , 720P HD
	64Kbps to 4Mbps Operating Video Traffic Bandwidth
	Rate Control for Video Traffic QoS Ensuring Optimized Quality Frame Rate with Limited Bandwidth
	High-end Error Resilient Against Various Packet Error

OSD Software Features

AP-SMP100 Smart Multimedia SoftPhone



OSD Software Features

AP-SMP100 Smart Multimedia SoftPhone



OSD Software Features

AP-SMP100 Smart Multimedia SoftPhone



OSD Software Features

AP-SMP100 Smart Multimedia SoftPhone



6 **Configration** – 설정화면 실행버튼

7 **Dialpad** – 다이얼패드 실행버튼

8 **Video On/Off** – 통화중 영상화면 온/오프

9 **Audio On/Off** – 통화중 음성 온/오프

10 **Scale Up Down** – 영상화면 크기변경

11 **Split Screen** – 영상화면 분리버튼

1 **File**
- Edit Preference
- Edit Call Manager
- Set Audio Option
- Set Video Option
- Close

2 **View**
- Dial Pad
- Zoom In
- Zoom Out

3 **Session**
- Connect Call
- End Call
- Volume Up
- Volume Down
- Audio On/Off
- Video On/Off

4 **Soft-Key**
- Redial
- Pickup
- GroupPickup
- CCBS

5 **Help**
- About

AP-ASH100
IP Soft Video Phone
for Android



AP-ASH100 Overview

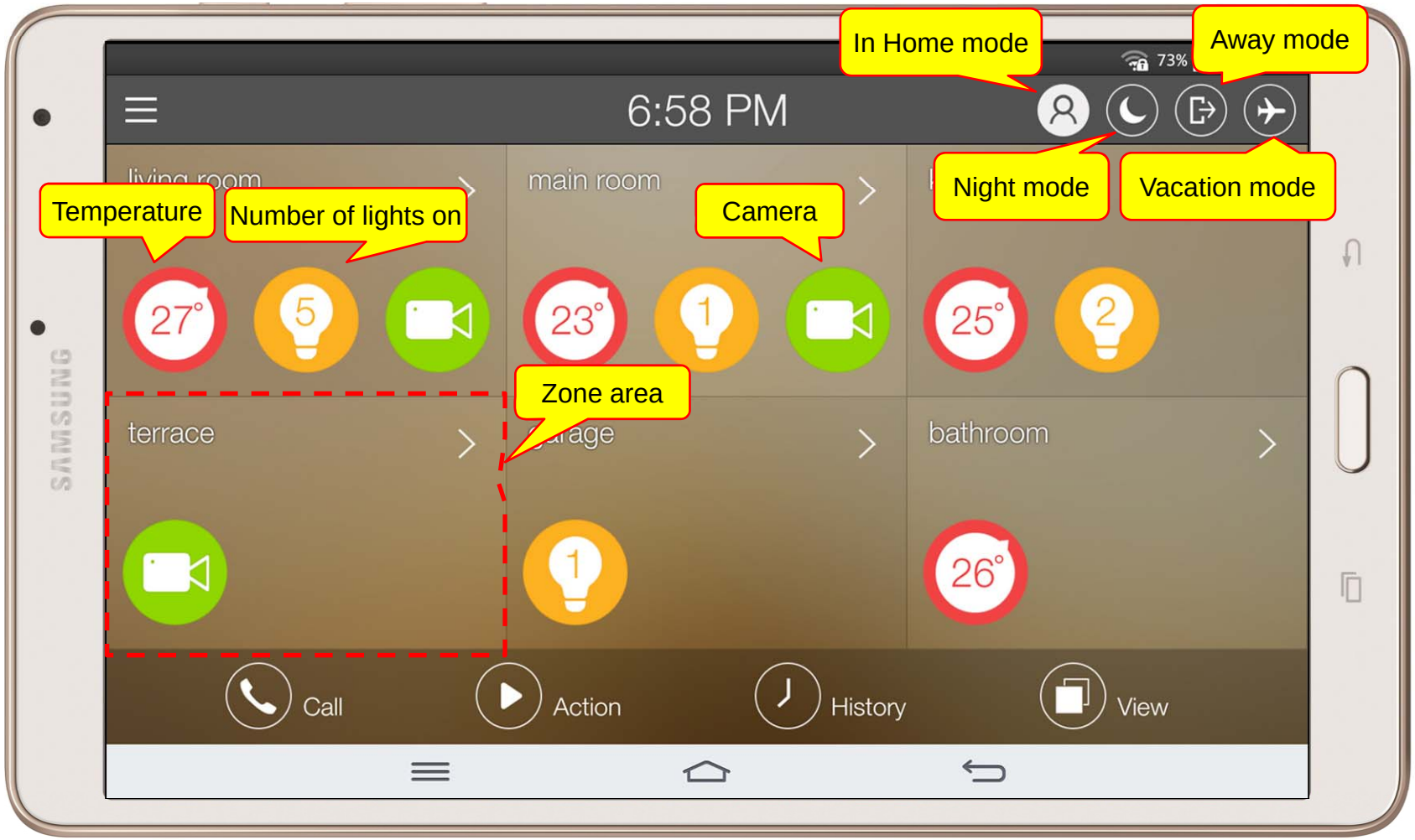
- It supports receiving a video call from video door phone by visitor.
- It supports making a video call to video door phone to see door side.
- It supports bidirectional video call from security guard video phone.
- It supports smart hub devices for sensor device handling.
- It supports IP camera view mode using RTSP protocol
- It supports standard based SIP signaling protocol.
- It supports below voice and video codecs

  - Voice Codec : G.711ulaw/alaw, G.726
  - Video Codec : H.264, H.263. MPEG4

UI examples Lists

- Main View (Zone Summary)
- Armed Mode (Away, Stay, Night)
- Short View
- Zone View
- Zone Setting and Configuration
- IP Camera View Mode (Home, Outside Home)
- Call View (Favorite Call, Recent Call, Phone Book, etc)
- Video Call View
- Sensor Control View (Ex: Light Control, Thermostat, etc)
- Sensor Control View (Action, Mode, Alert, etc)

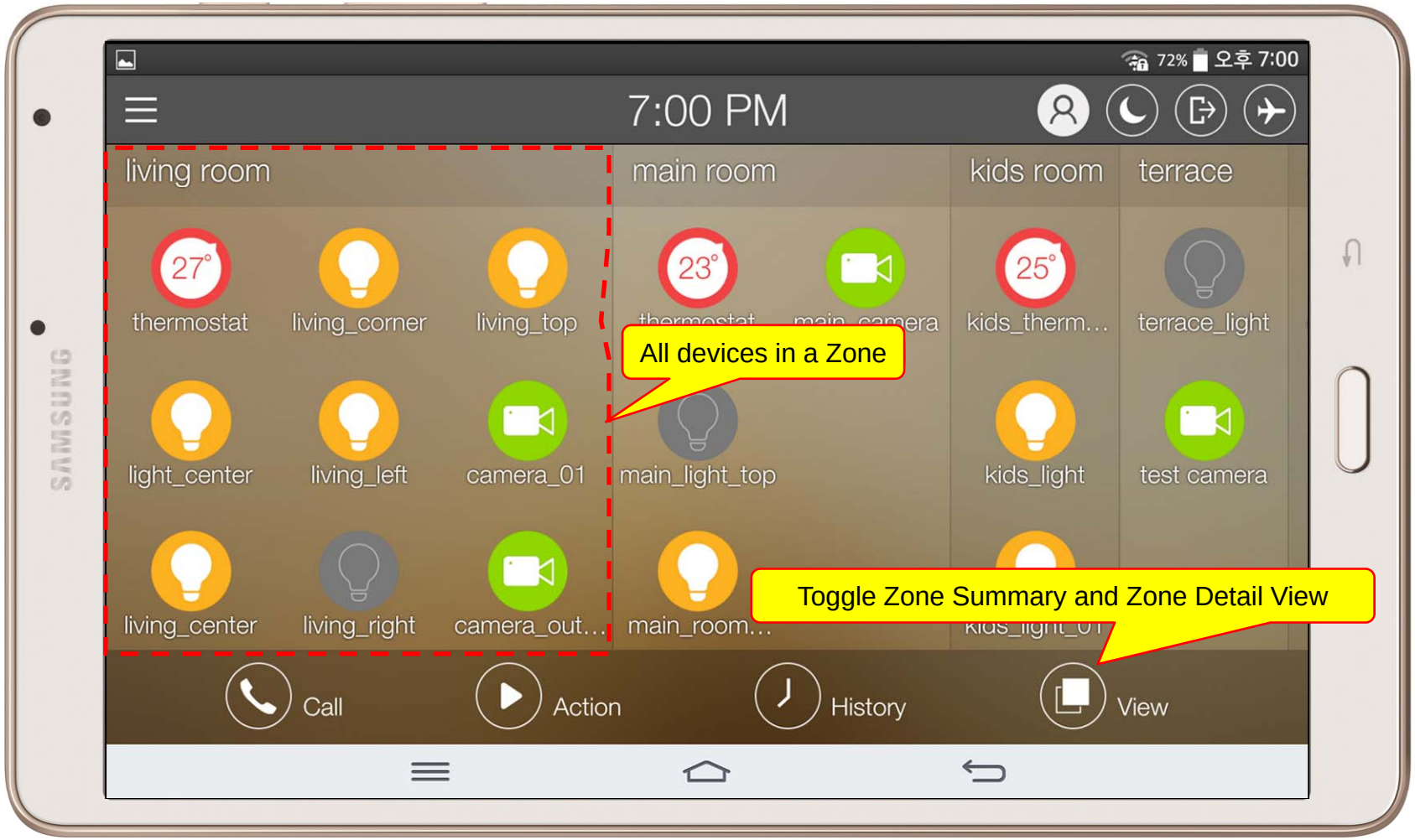
Main View (Zone Summary)



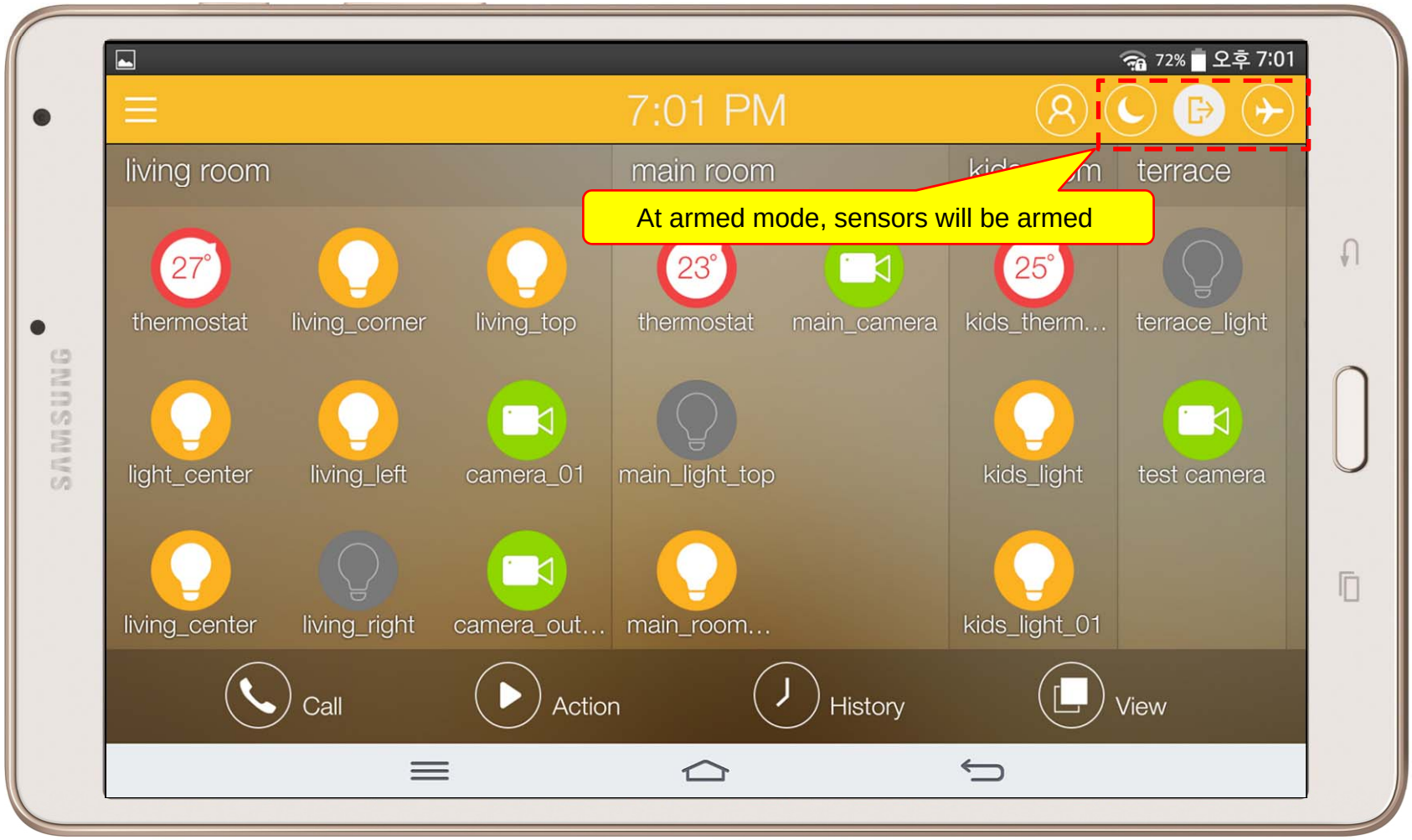
Main View (Cont.)



Main View (Zone Detail)



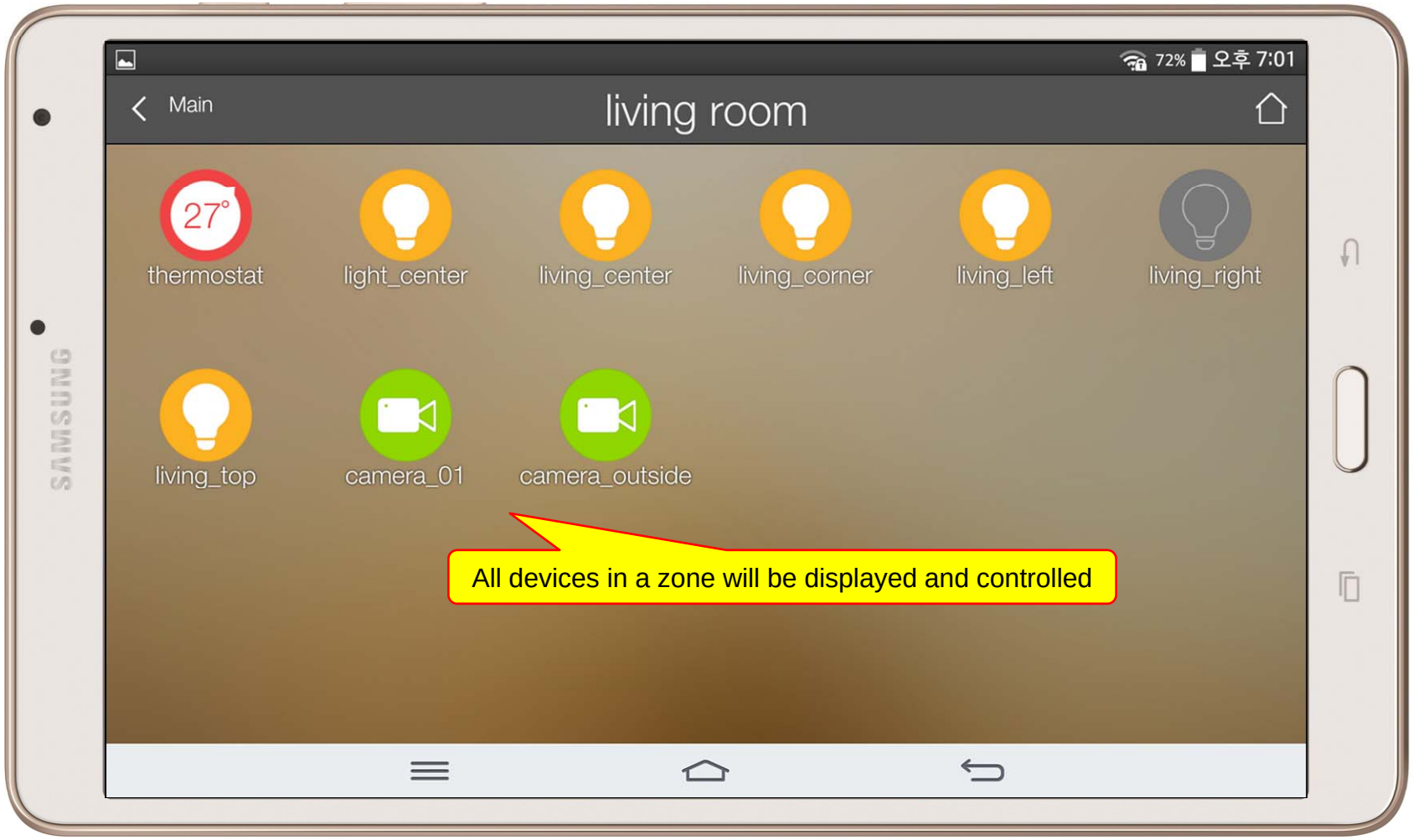
Armed Mode


72% 오후 7:01
7:01 PM
living room
main room
terrace
At armed mode, sensors will be armed
27°
thermostat
living_corner
living_top
23°
thermostat
main_camera
25°
kids_therm…
terrace_light
light_center
living_left
camera_01
main_light_top
kids_light
test camera
living_center
living_right
camera_out…
main_room…
kids_light_01
Call
Action
History
View
SAMSUNG

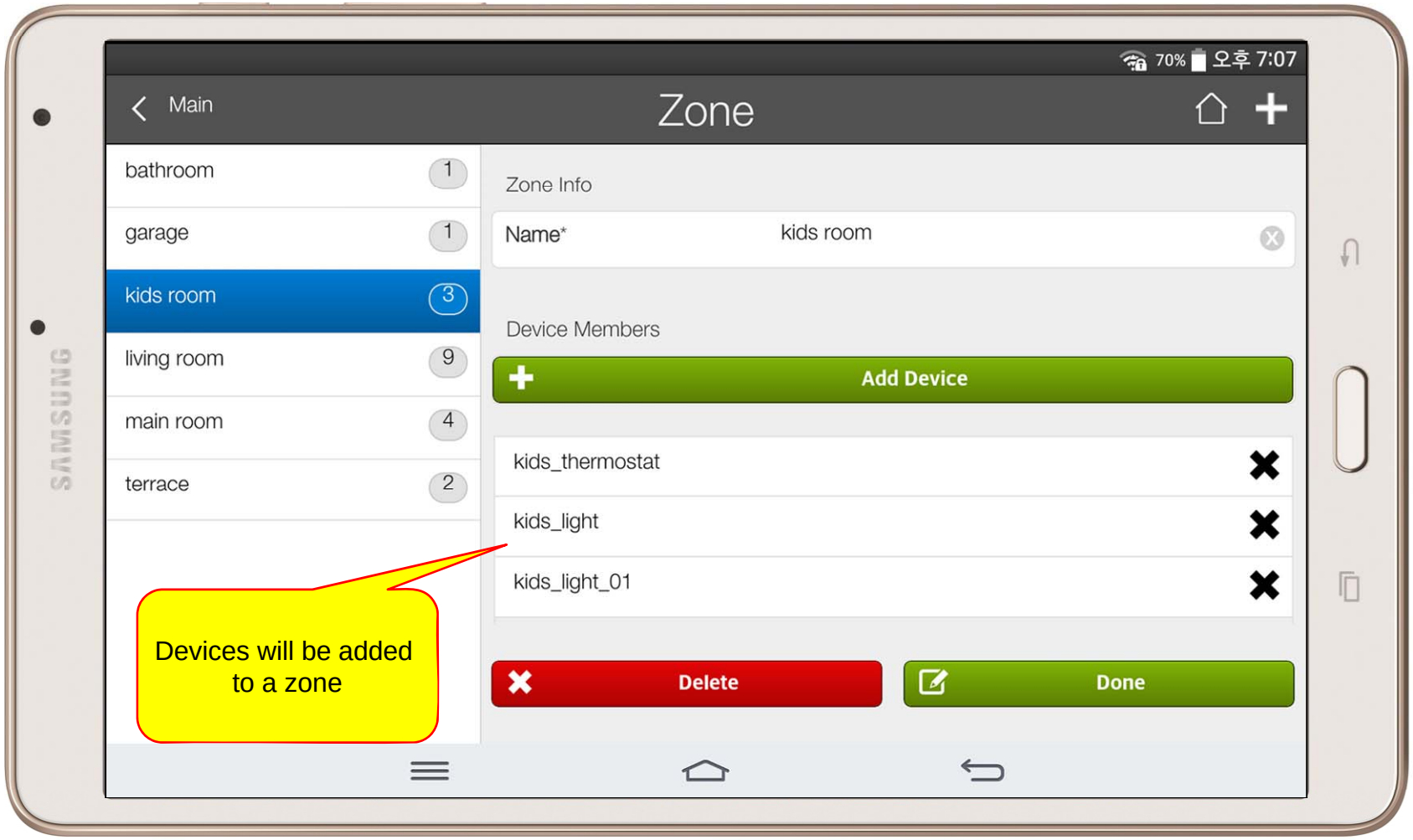
Short Cut View



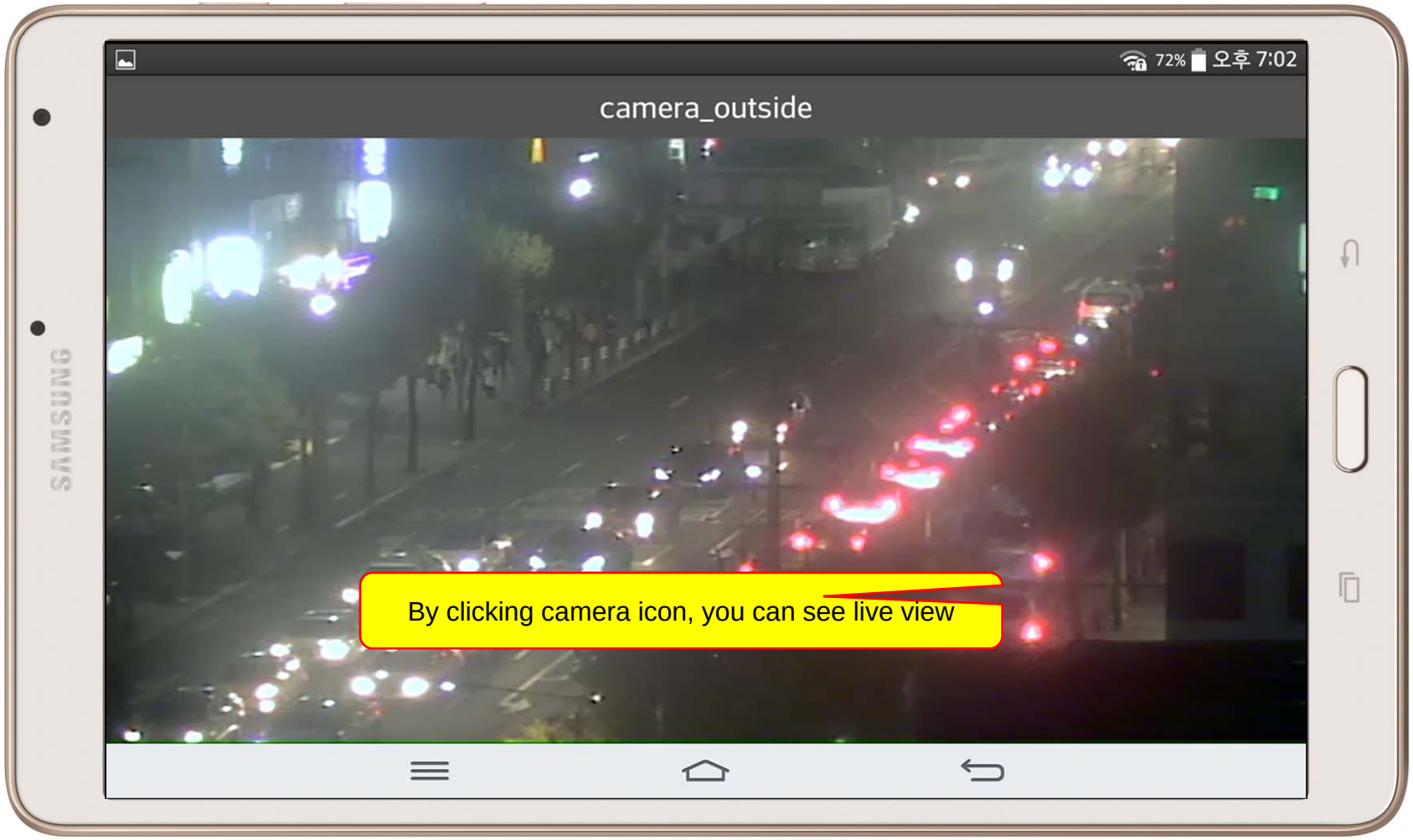
Zone View


72% 오후 7:01
Main
living room
27°
thermostat
light_center
living_center
living_corner
living_left
living_right
living_top
camera_01
camera_outside
All devices in a zone will be displayed and controlled
SAMSUNG

Zone Setting



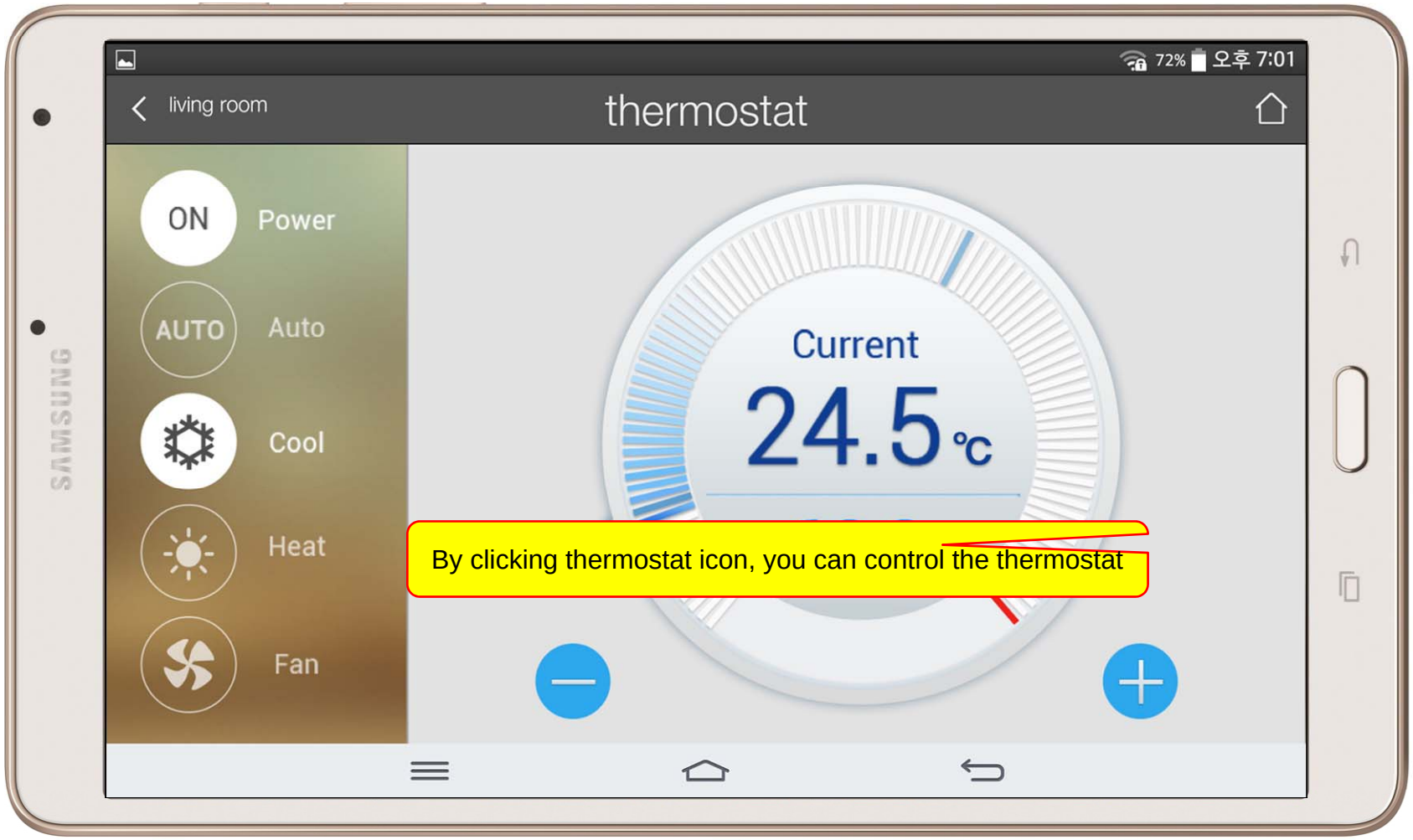
Camera Live View



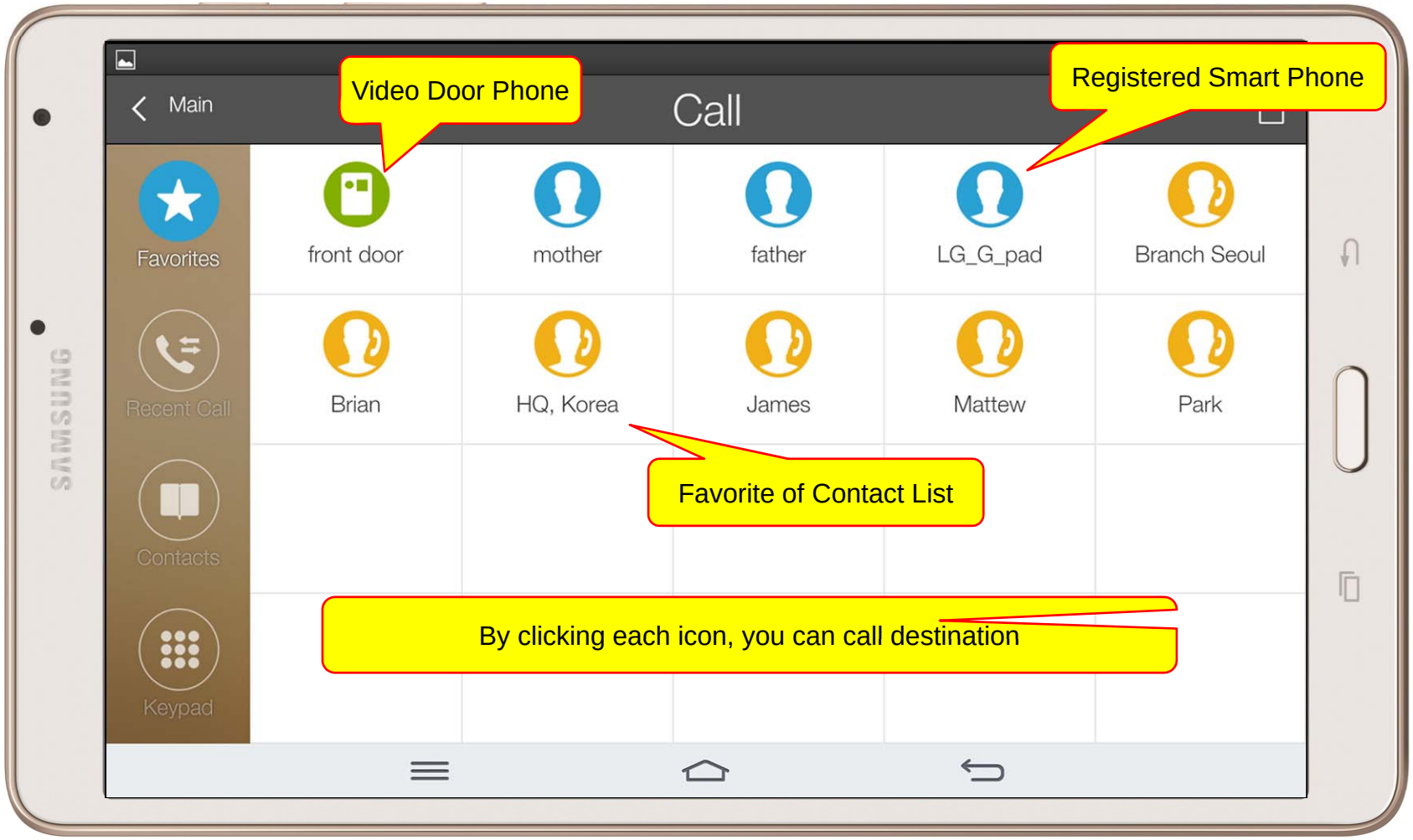
Light Control



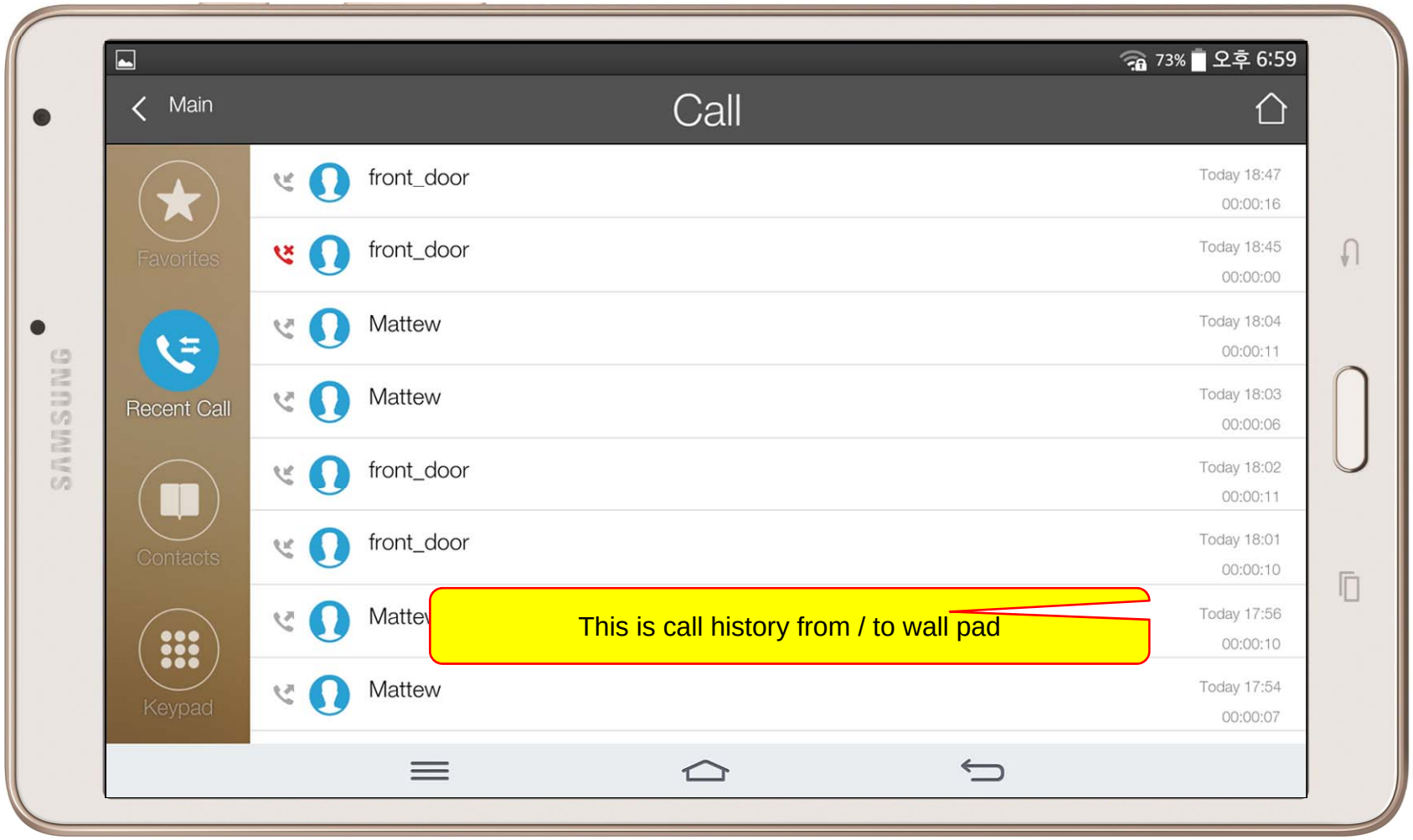
Thermostat


72% 오후 7:01
living room
thermostat
ON
Power
AUTO
Auto
Cool
Heat
Fan
Current
24.5℃
By clicking thermostat icon, you can control the thermostat
SAMSUNG

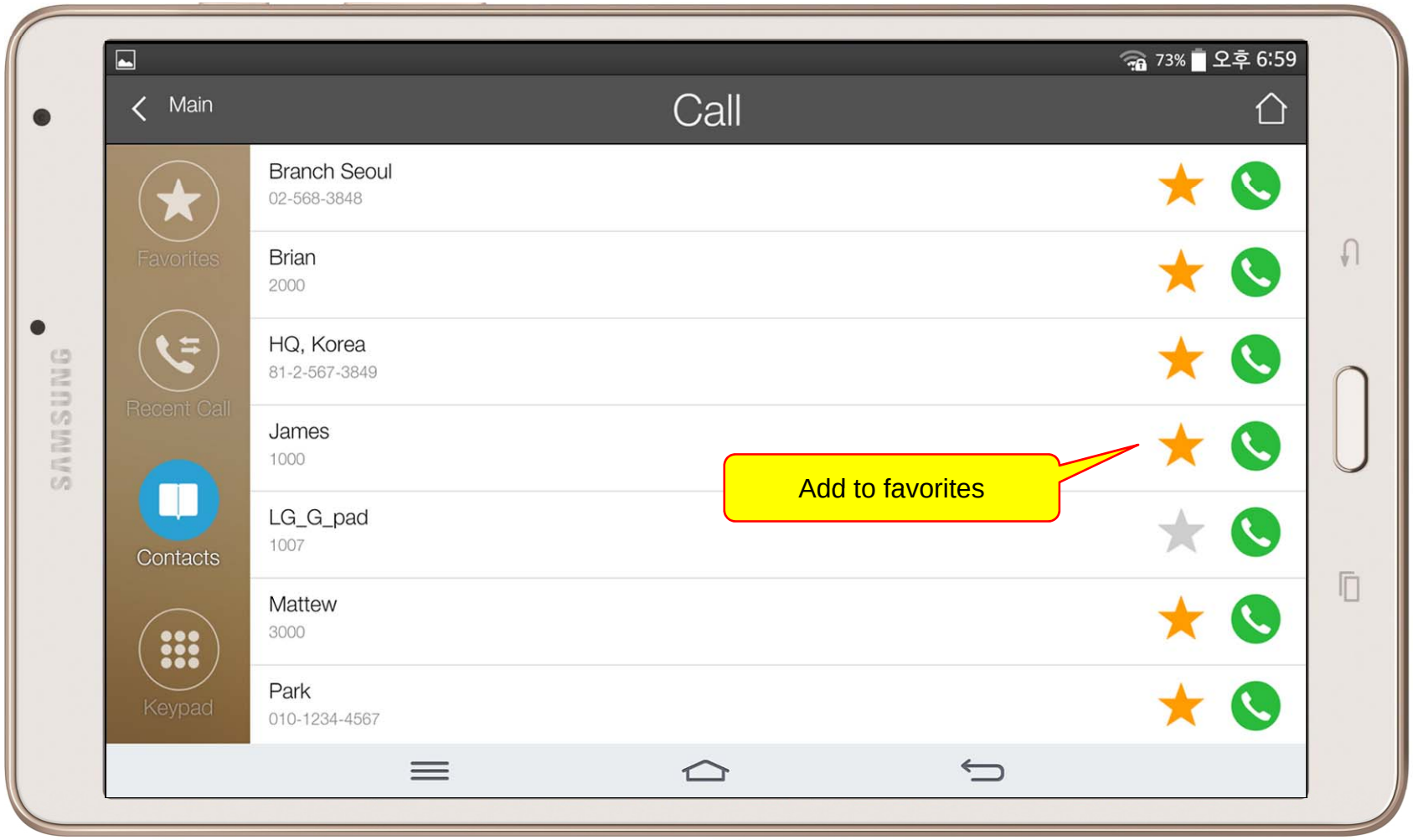
Favorite Call View



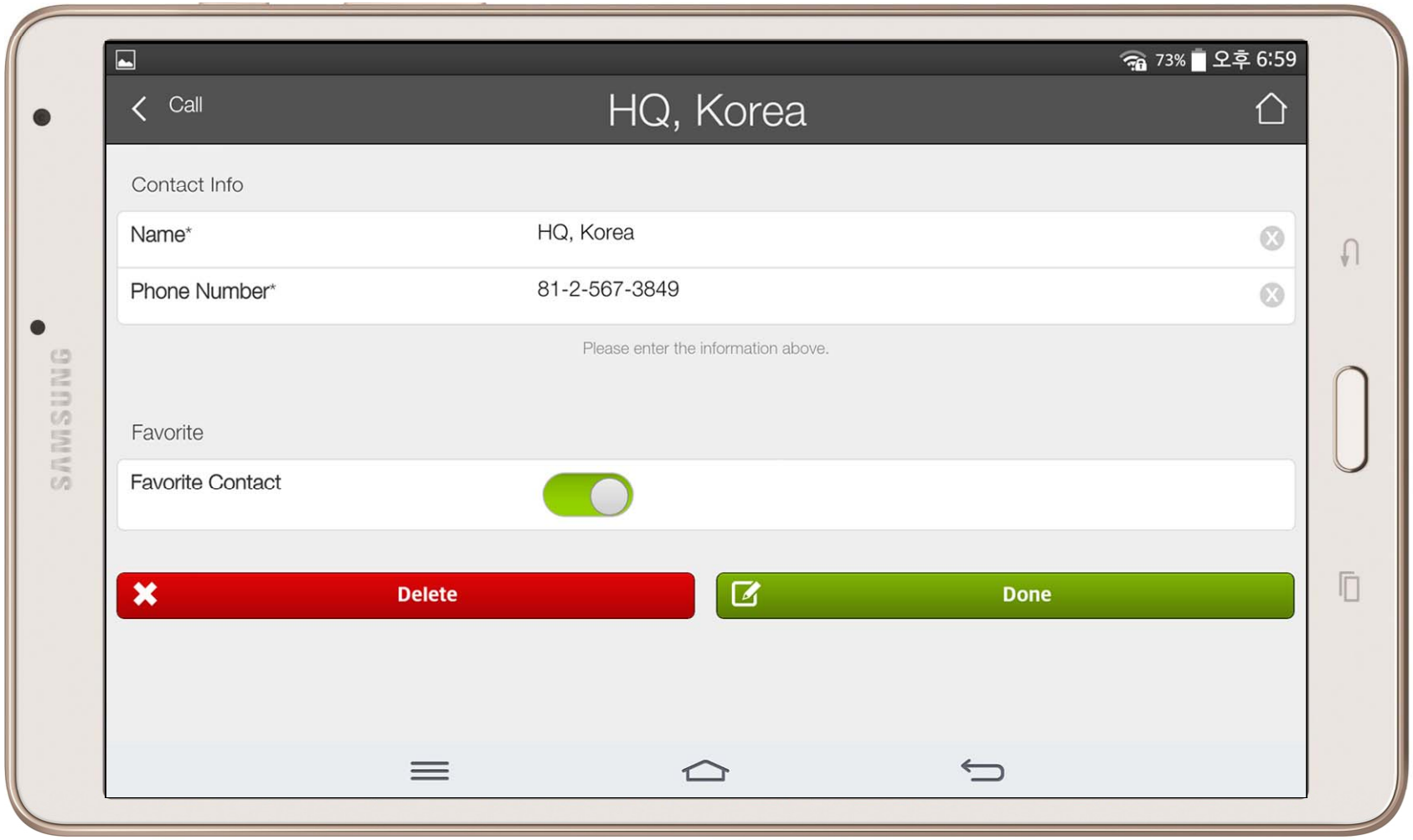
Recent Call View



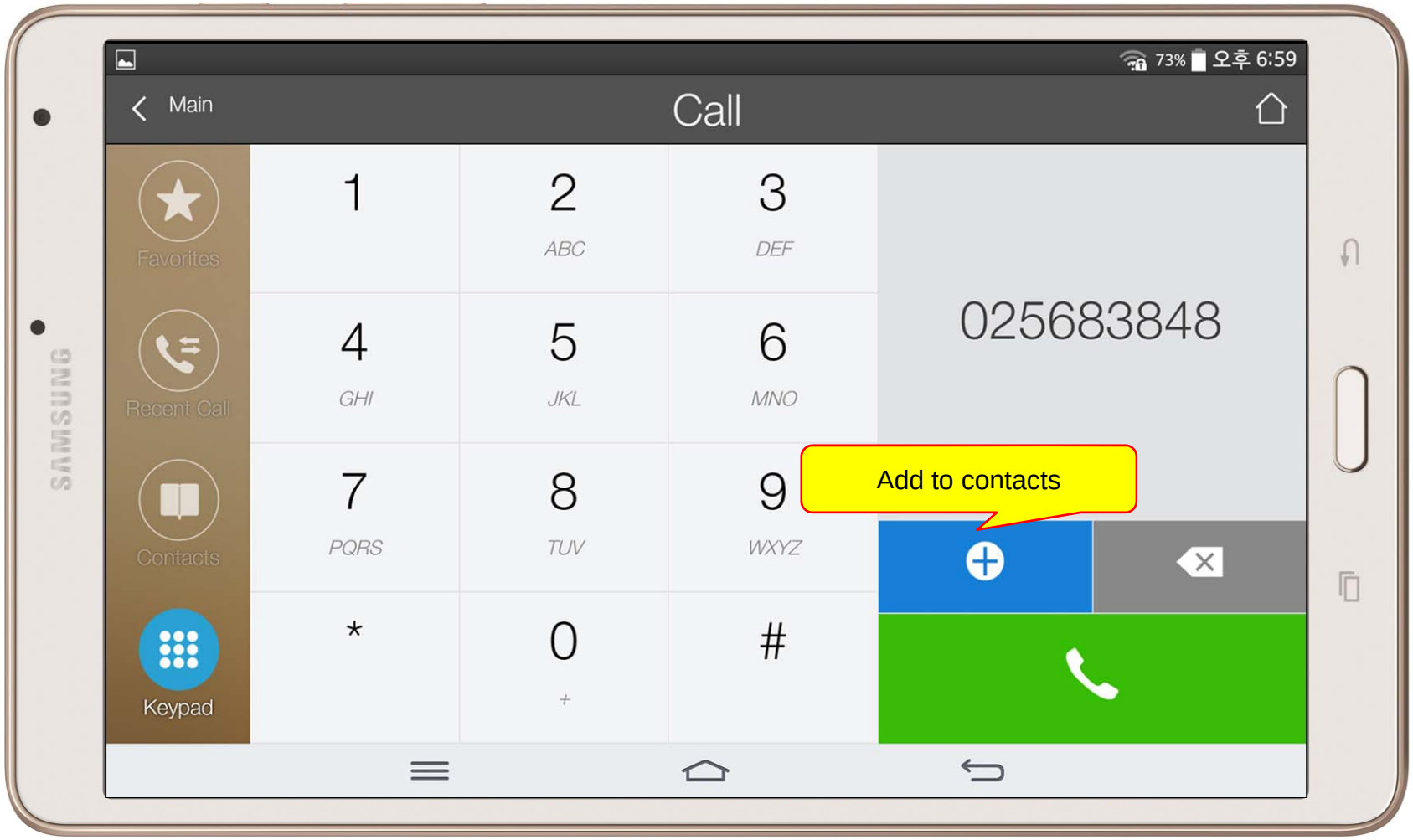
Contact View



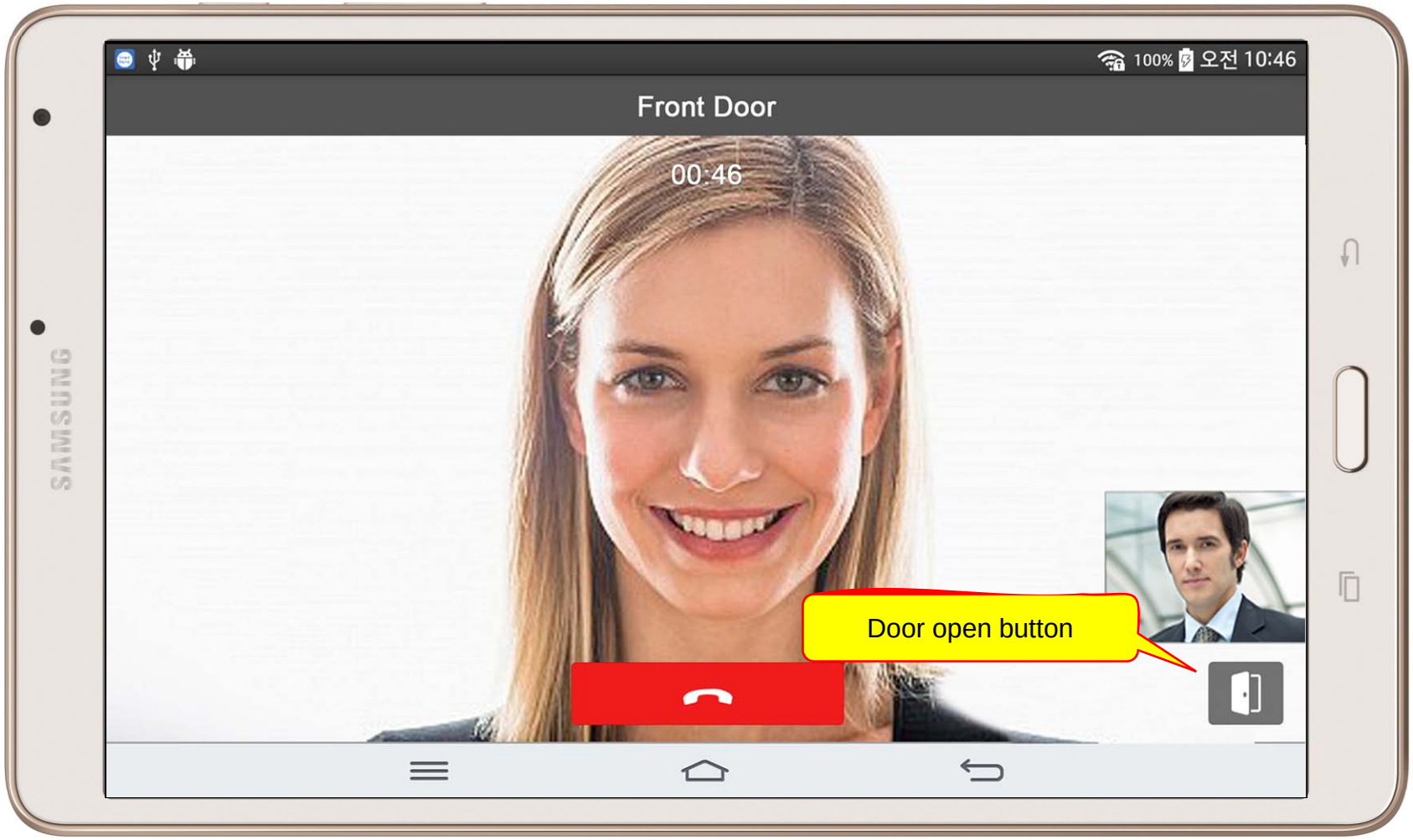
Add Contact


73% 오후 6:59
Call
HQ, Korea
Contact Info
Name*
HQ, Korea
Phone Number*
81-2-567-3849
Please enter the information above.
Favorite
Favorite Contact
Delete
Done
SAMSUNG

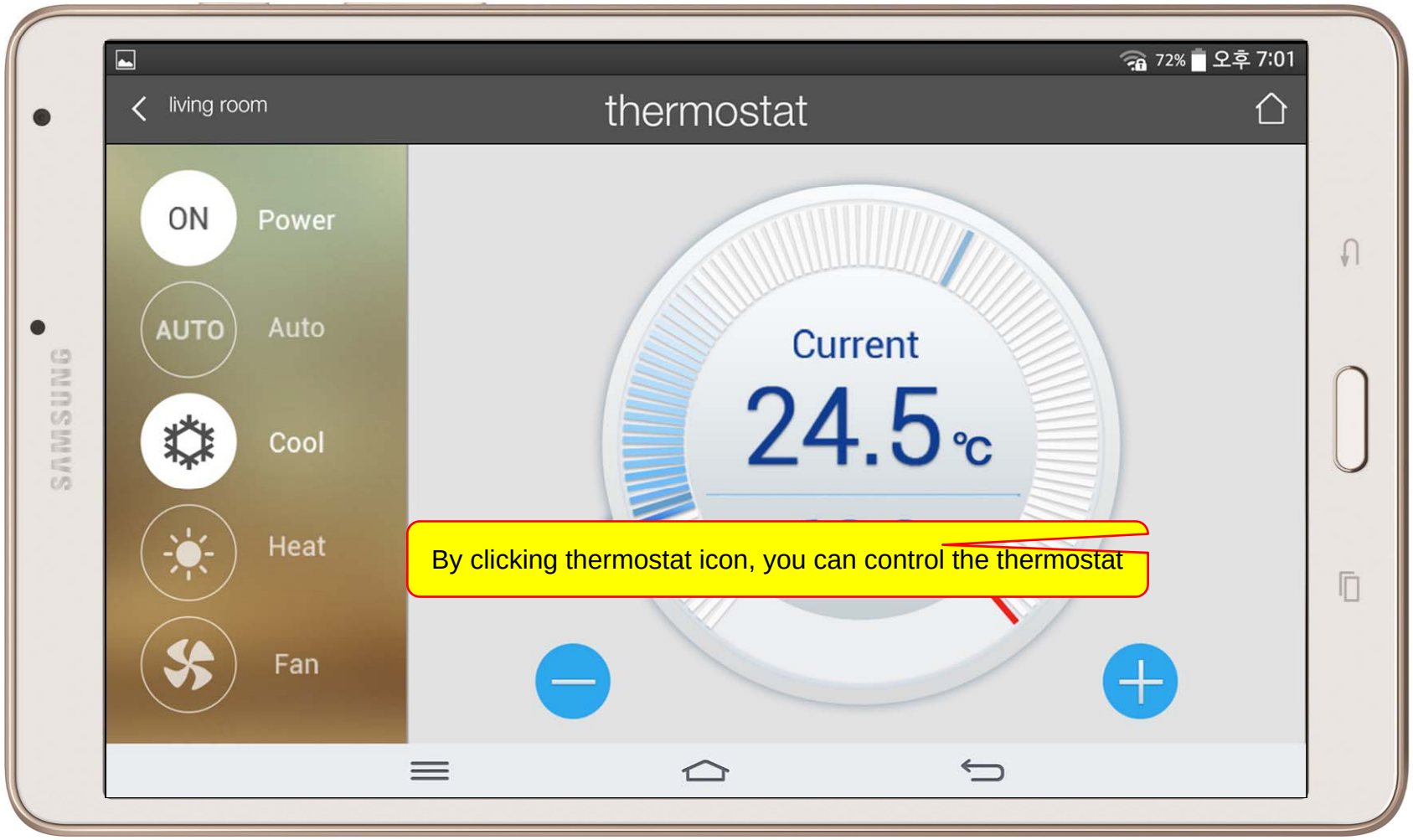
Keypad View


73% 오후 6:59
Main
Call
Favorites
Recent Call
Contacts
Keypad
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
*
0 +
#
025683848
Add to contacts
SAMSUNG

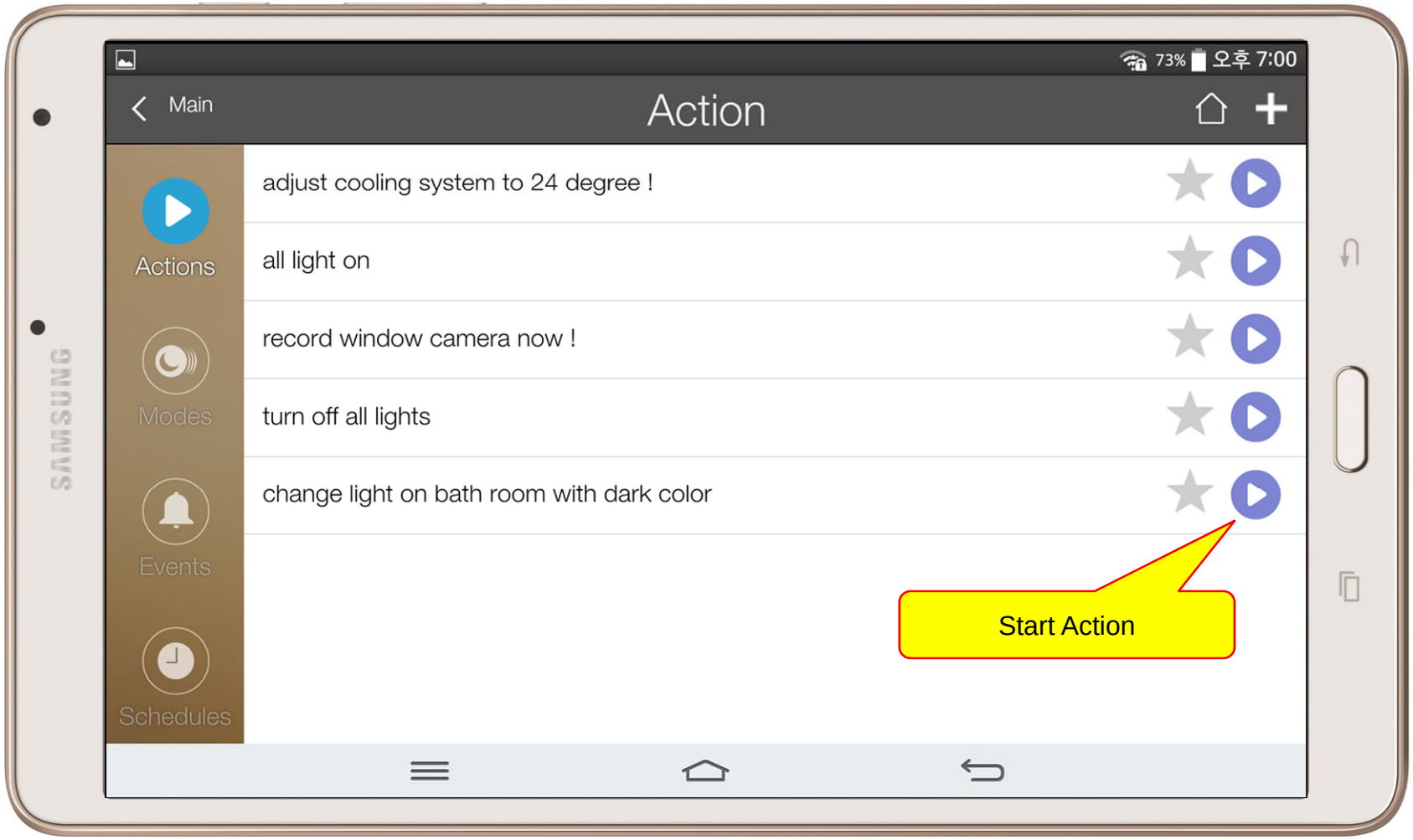
Video Call View



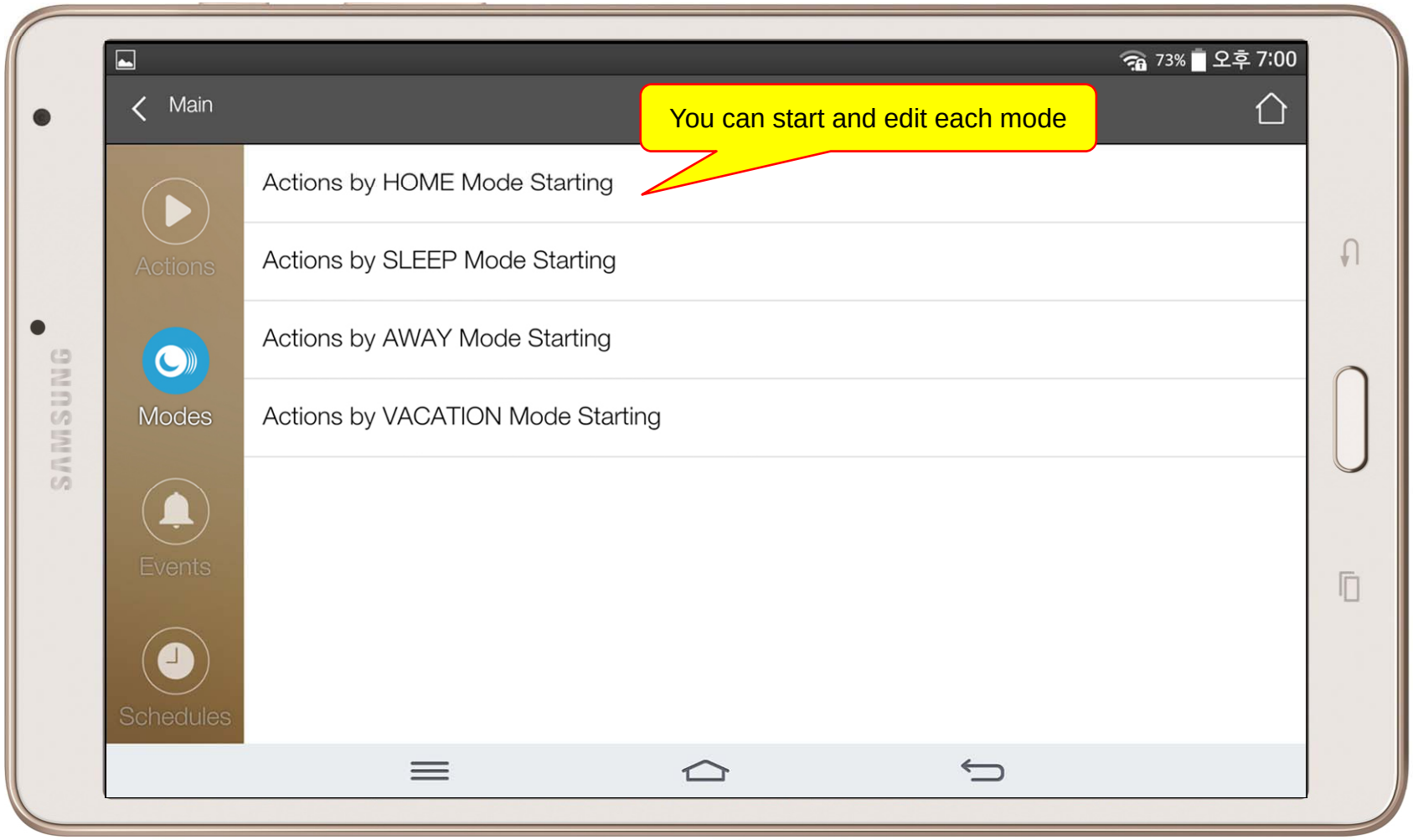
Thermostat


72% 오후 7:01
living room
thermostat
ON
Power
AUTO
Auto
Cool
Heat
Fan
Current
24.5℃
By clicking thermostat icon, you can control the thermostat
SAMSUNG

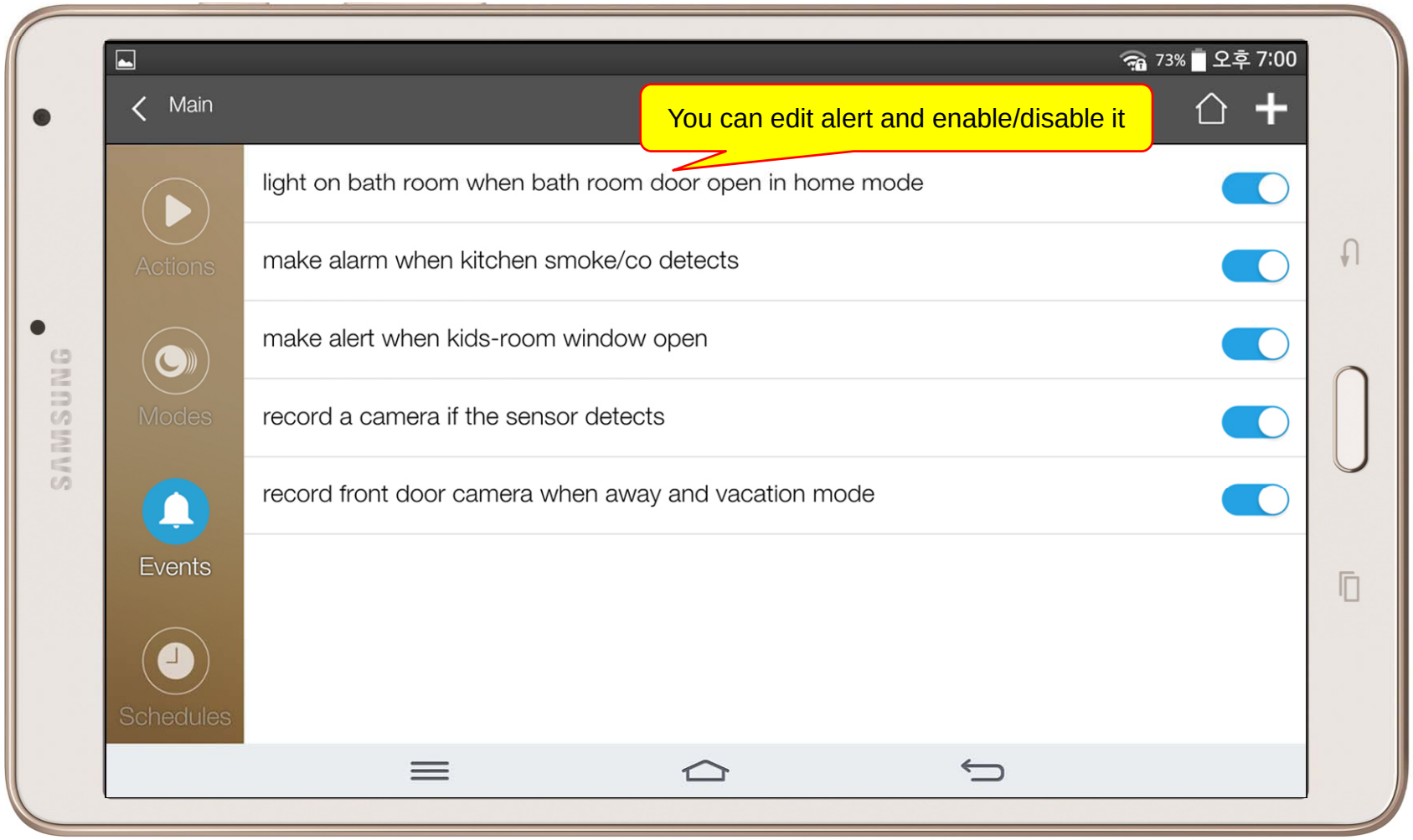
Action View


73% 오후 7:00
Main
Action
Actions
Modes
Events
Schedules
adjust cooling system to 24 degree !
all light on
record window camera now !
turn off all lights
change light on bath room with dark color
Start Action
SAMSUNG

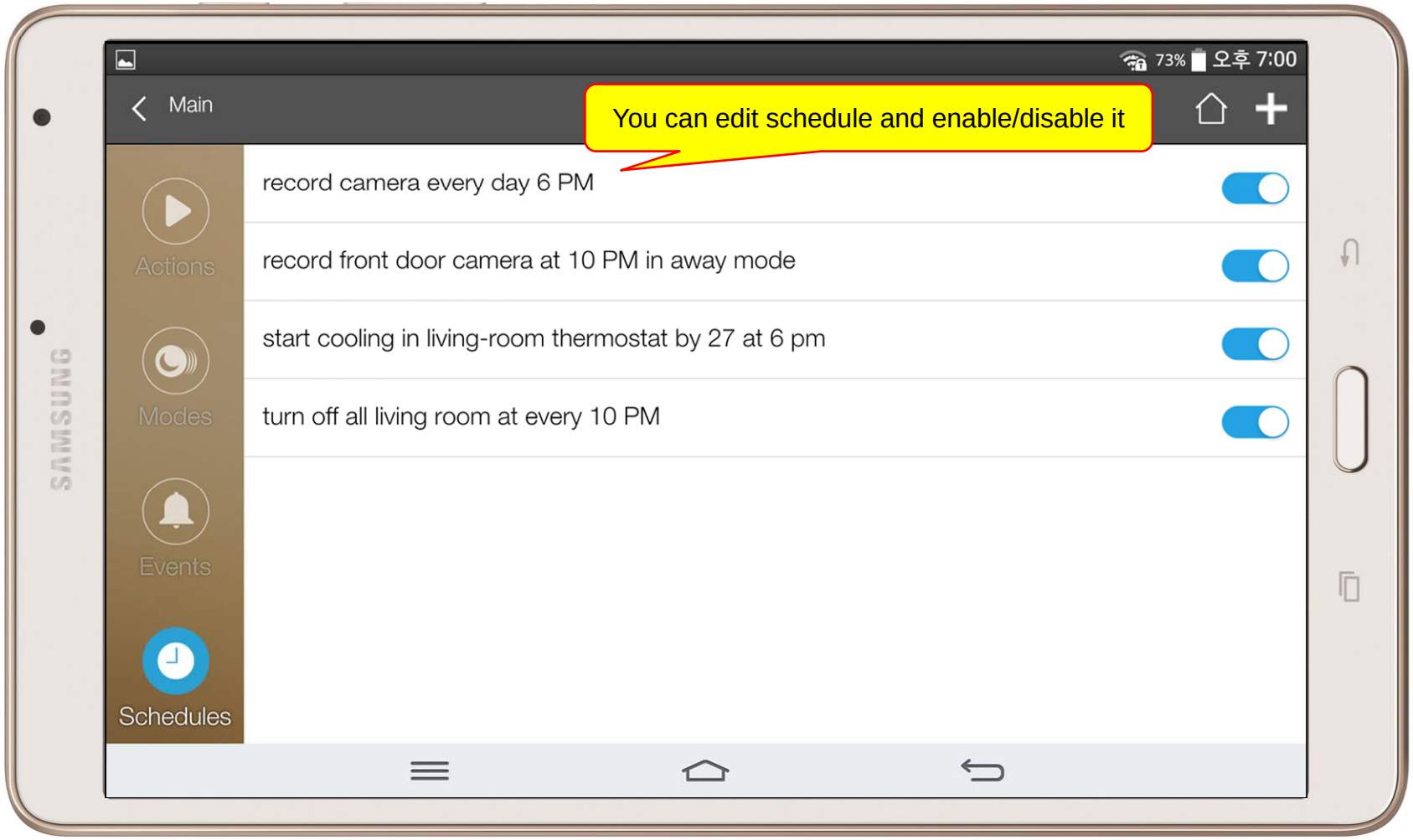
Mode View


73% 오후 7:00
Main
You can start and edit each mode
Actions by HOME Mode Starting
Actions by SLEEP Mode Starting
Actions by AWAY Mode Starting
Actions by VACATION Mode Starting
Actions
Modes
Events
Schedules
SAMSUNG

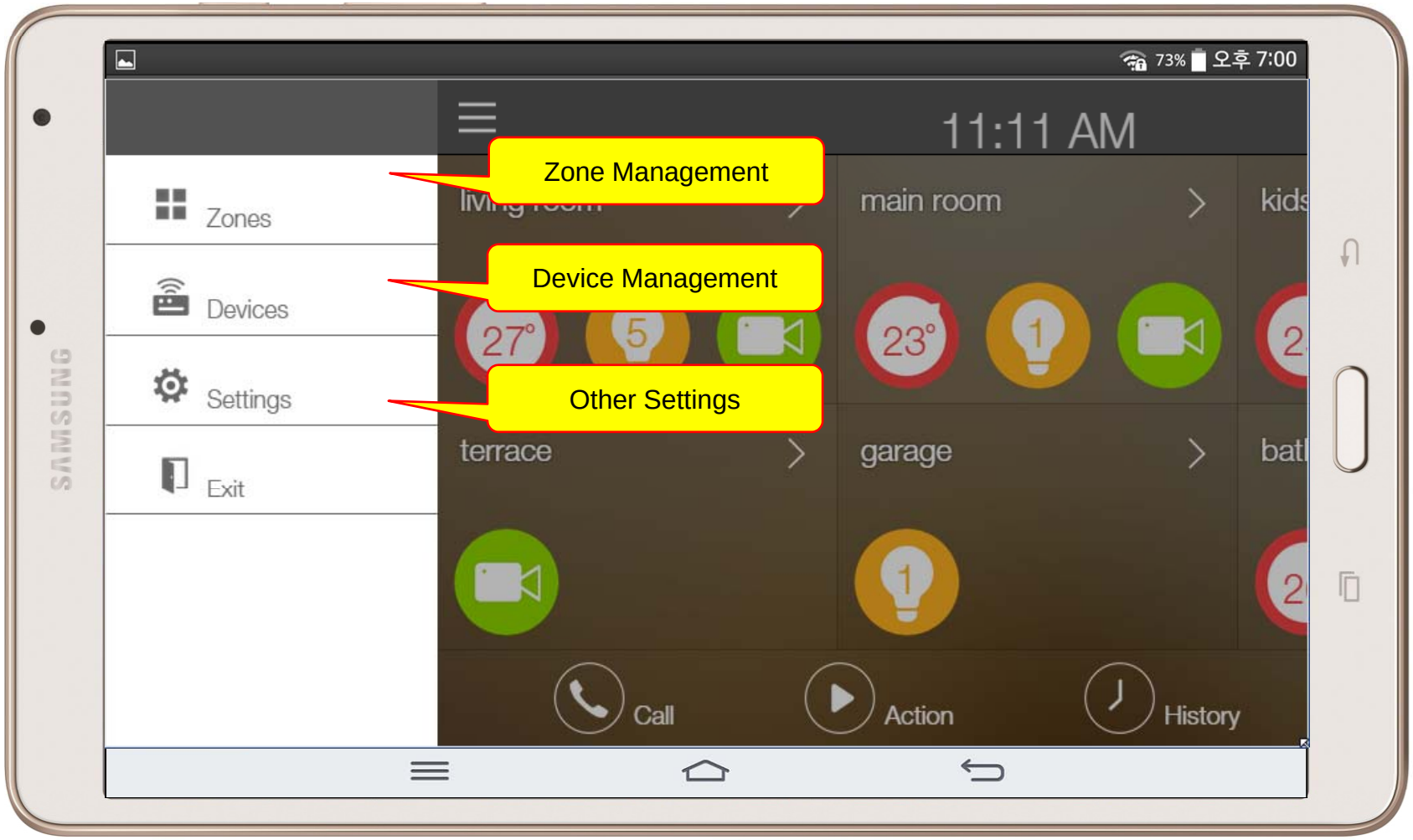
Alert View


73% 오후 7:00
Main
You can edit alert and enable/disable it
Actions
Modes
Events
Schedules
light on bath room when bath room door open in home mode
make alarm when kitchen smoke/co detects
make alert when kids-room window open
record a camera if the sensor detects
record front door camera when away and vacation mode
SAMSUNG

Schedule View



Setting Menu



AP-ISH100
IP Soft Video Phone
for Apple IOS



AP-ISH100 Overview

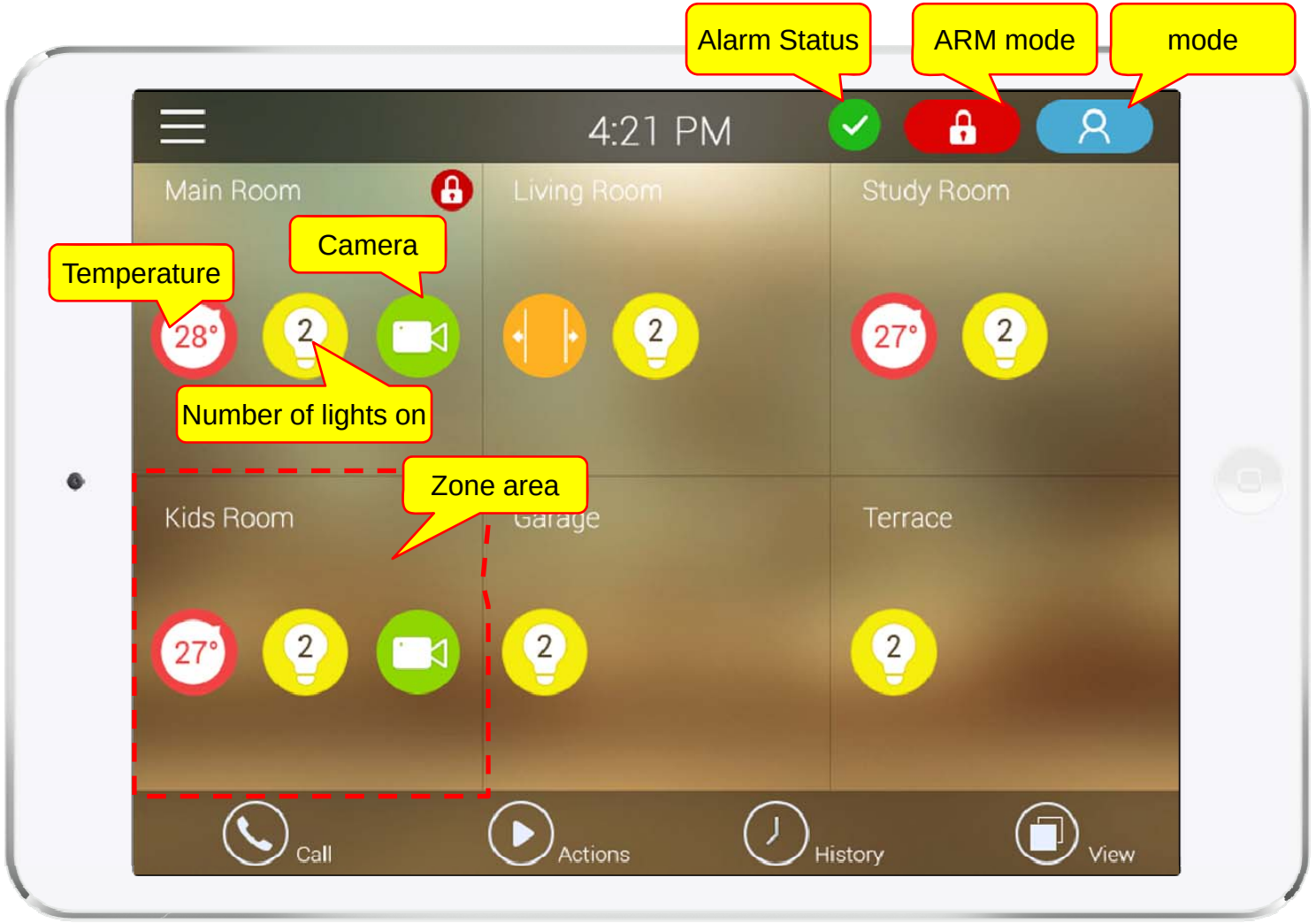
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- It supports below voice and video codecs

  - Voice Codec : G.711ulaw/alaw, G.726
  - Video Codec : H.264, H.263, MPEG4

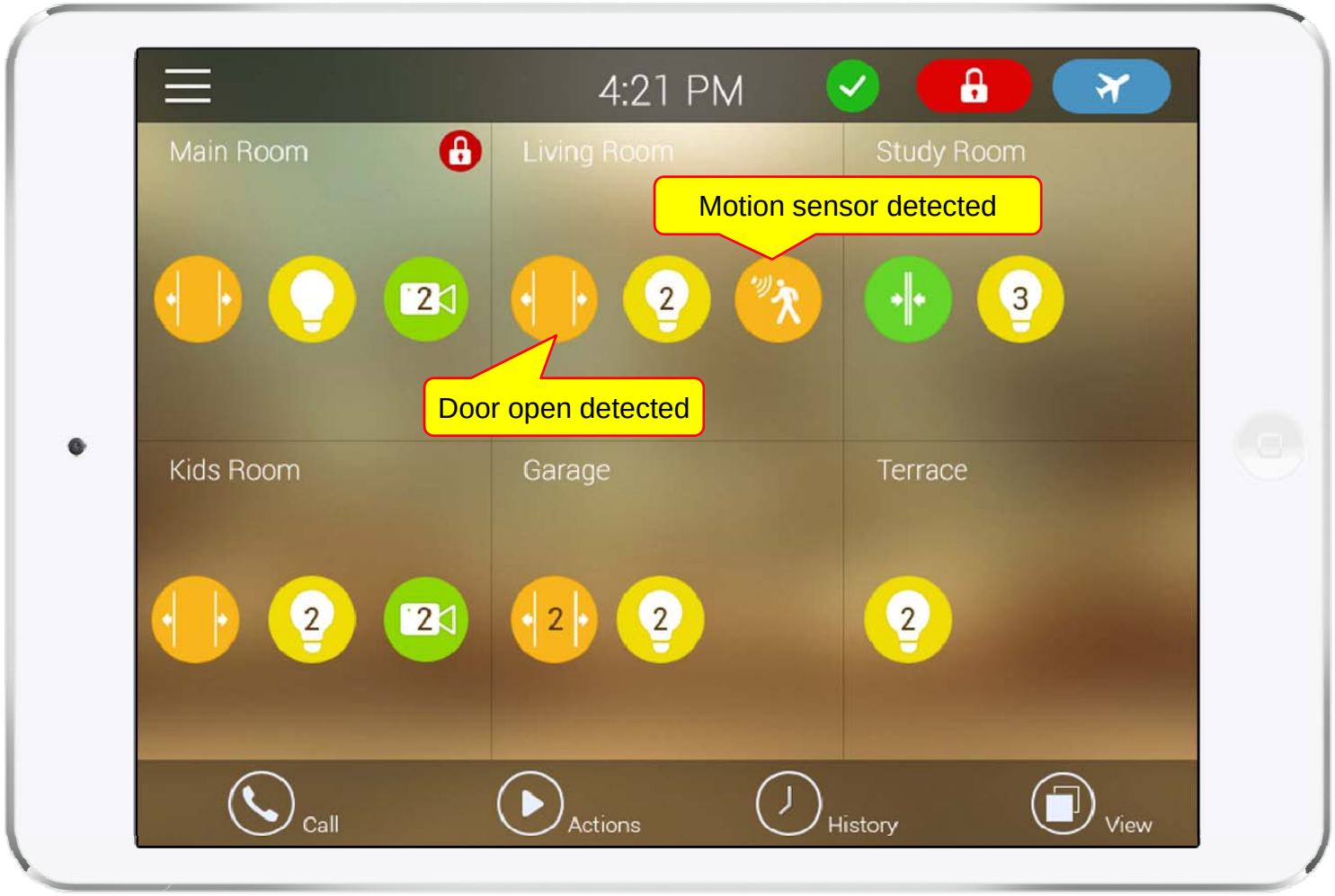
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- Zone View
- Zone Setting and Configuration
- IP Camera View Mode (Home, Outside Home)
- Call View (Favorite Call, Recent Call, Phone Book, etc)
- Video Call View
- Sensor Control View (Ex: Light Control, Thermostat, etc)
- Sensor Control View (Action, Mode, Alert, etc)

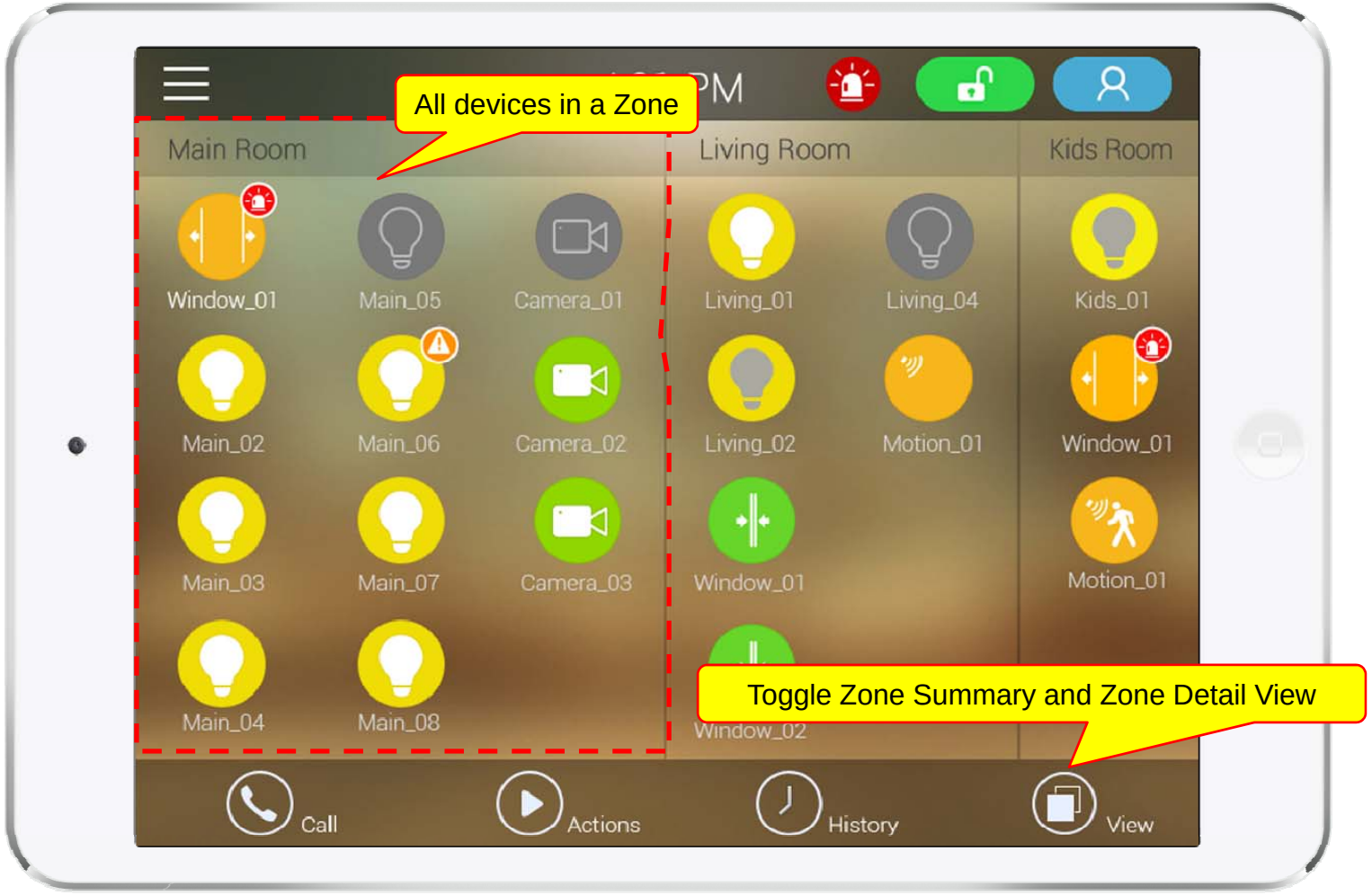
Main View (Zone Summary)



Main View (Cont.)



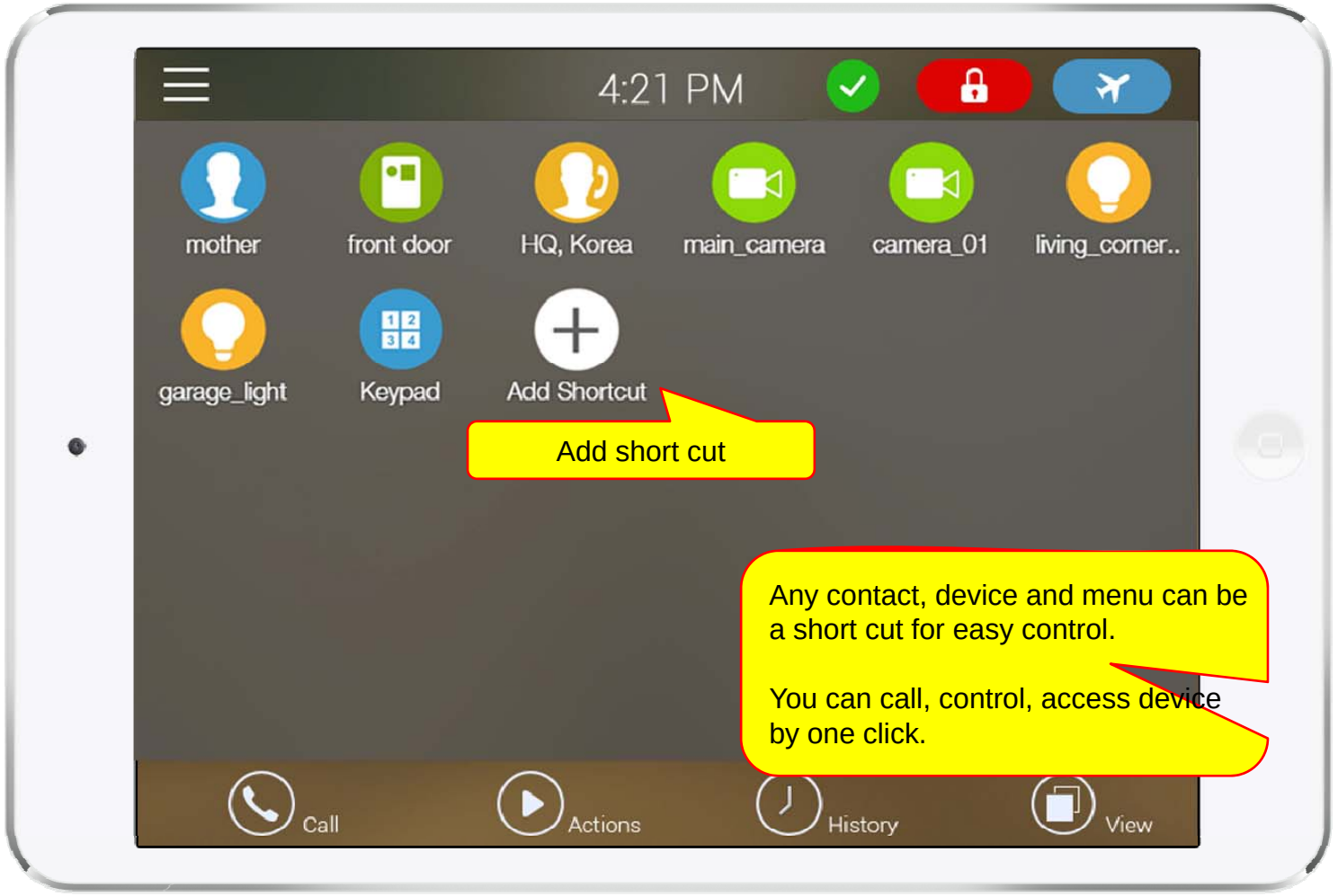
Main View (Zone Detail)



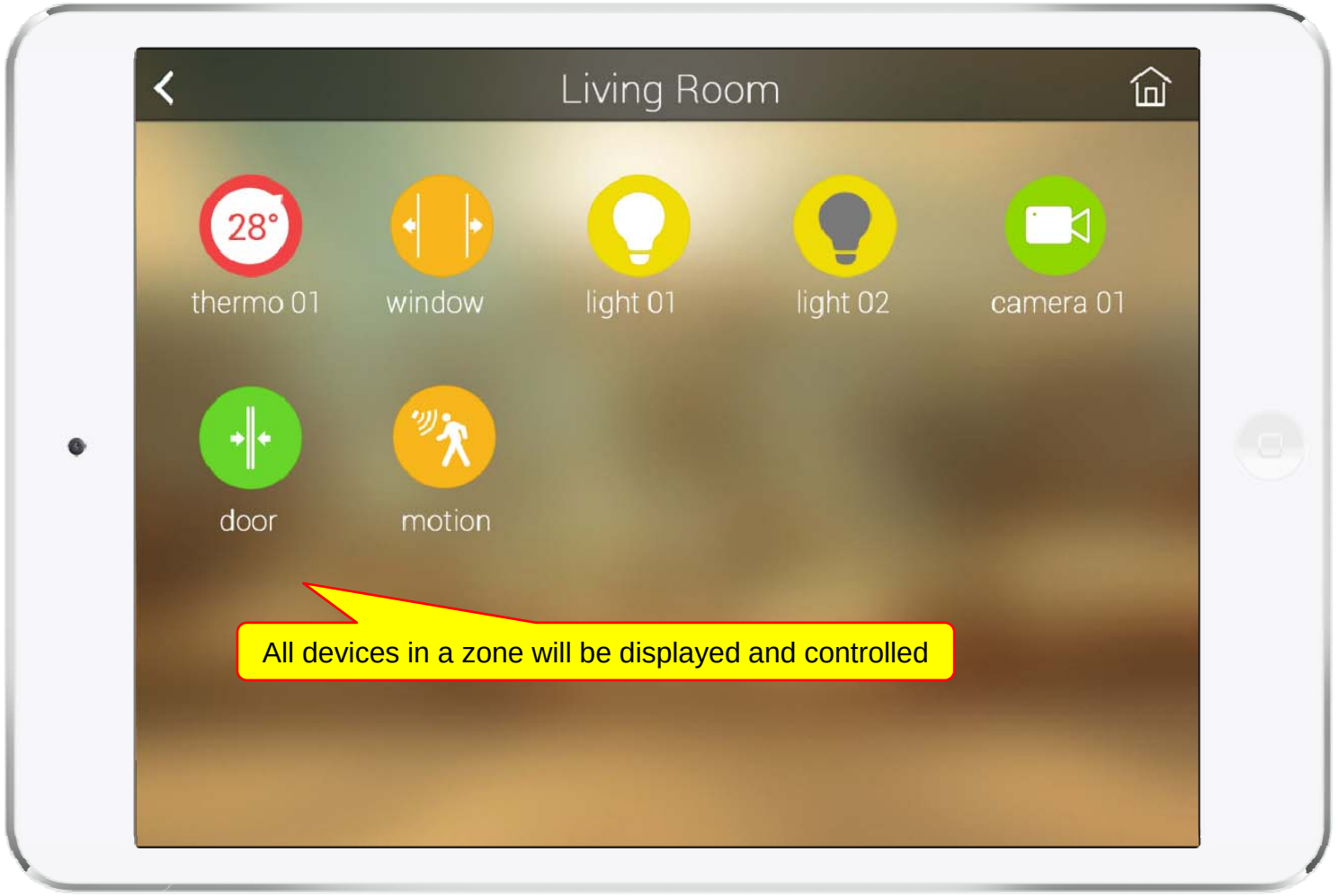
Armed Mode


4:21 PM
Main Room
At armed mode, sensors will be armed
28°
2
2
27°
2
Kids Room
Garage
Terrace
27°
2
2
2
Call
Actions
History
View

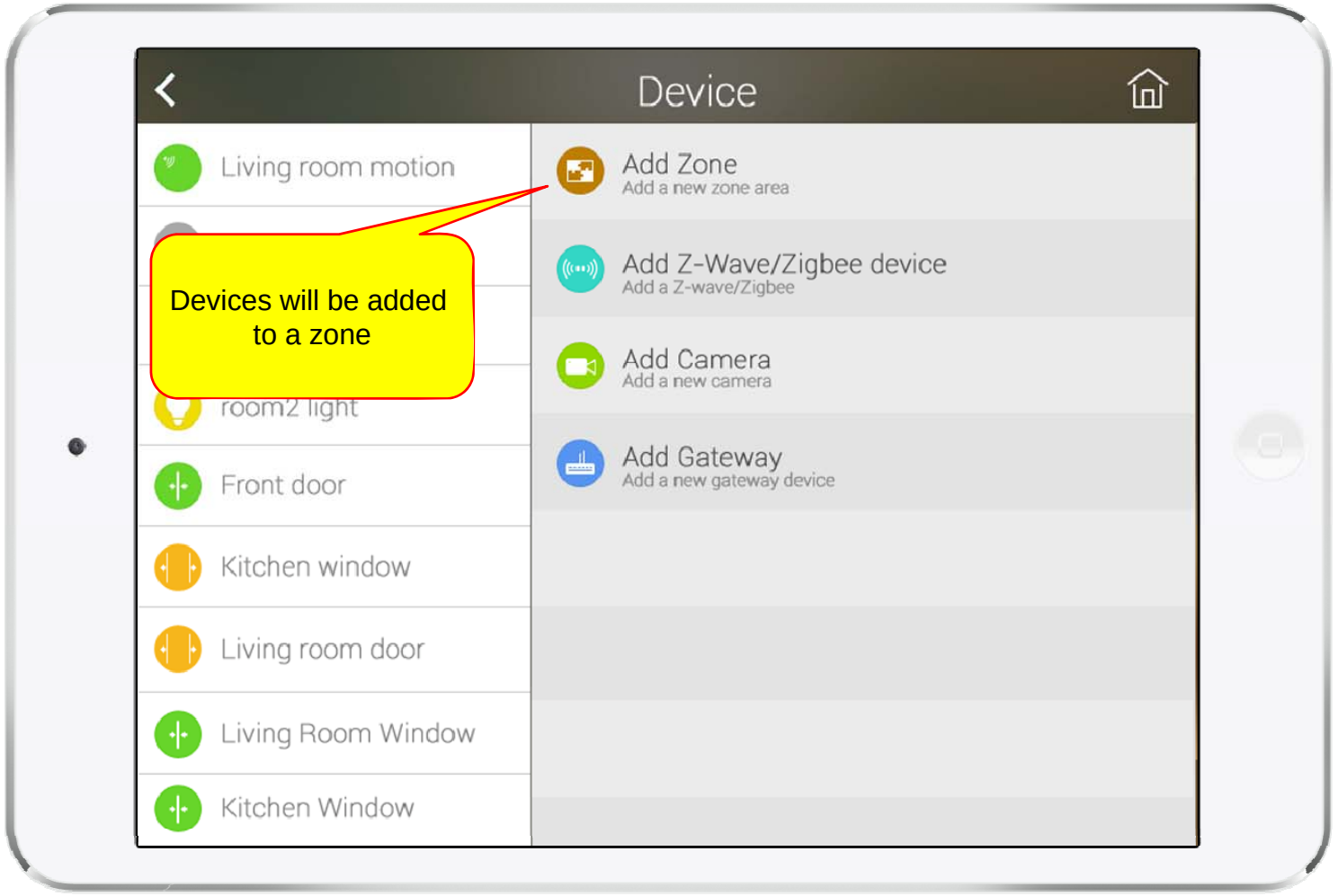
Short Cut View



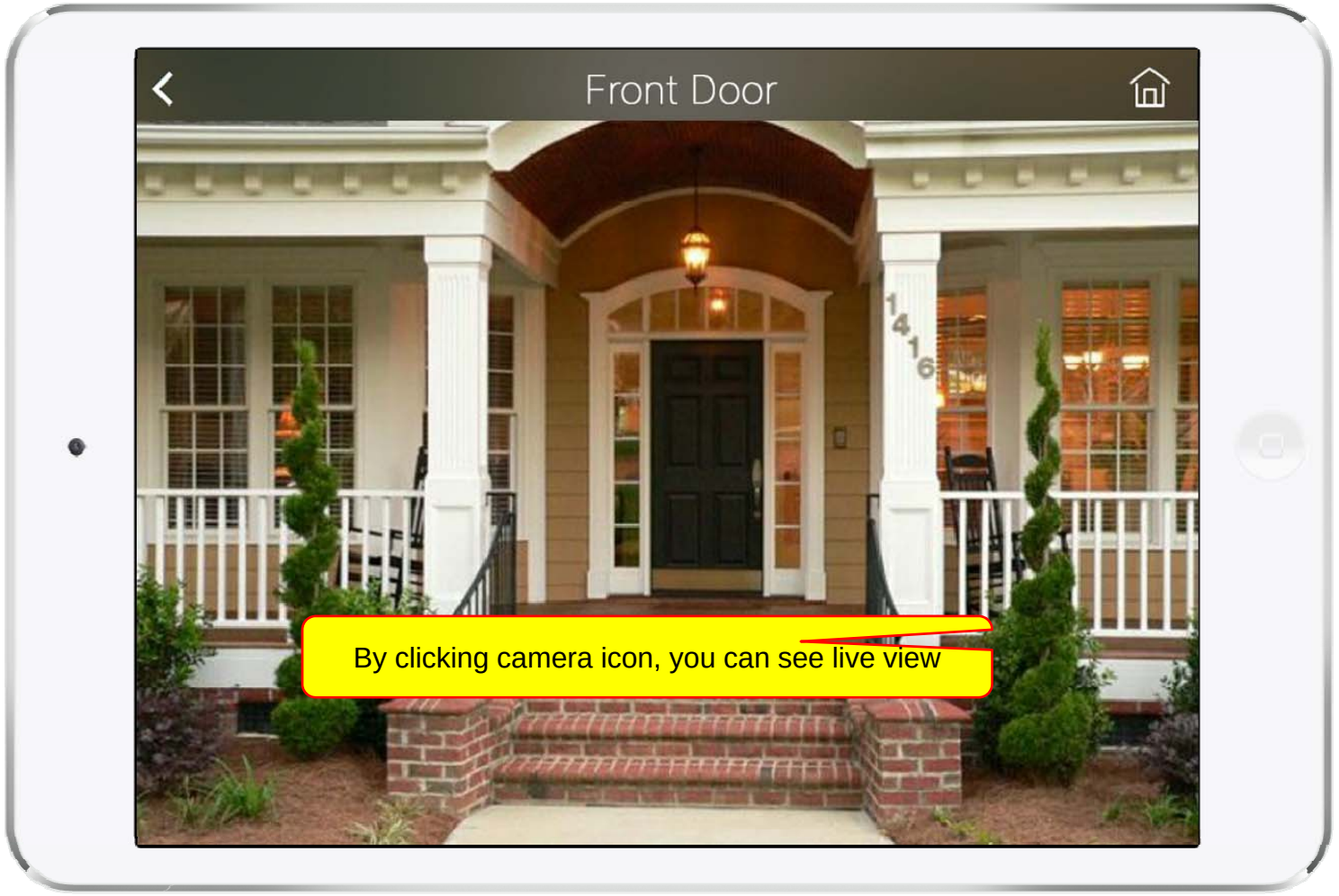
Zone View


Living Room
28°
thermo 01
window
light 01
light 02
camera 01
door
motion
All devices in a zone will be displayed and controlled

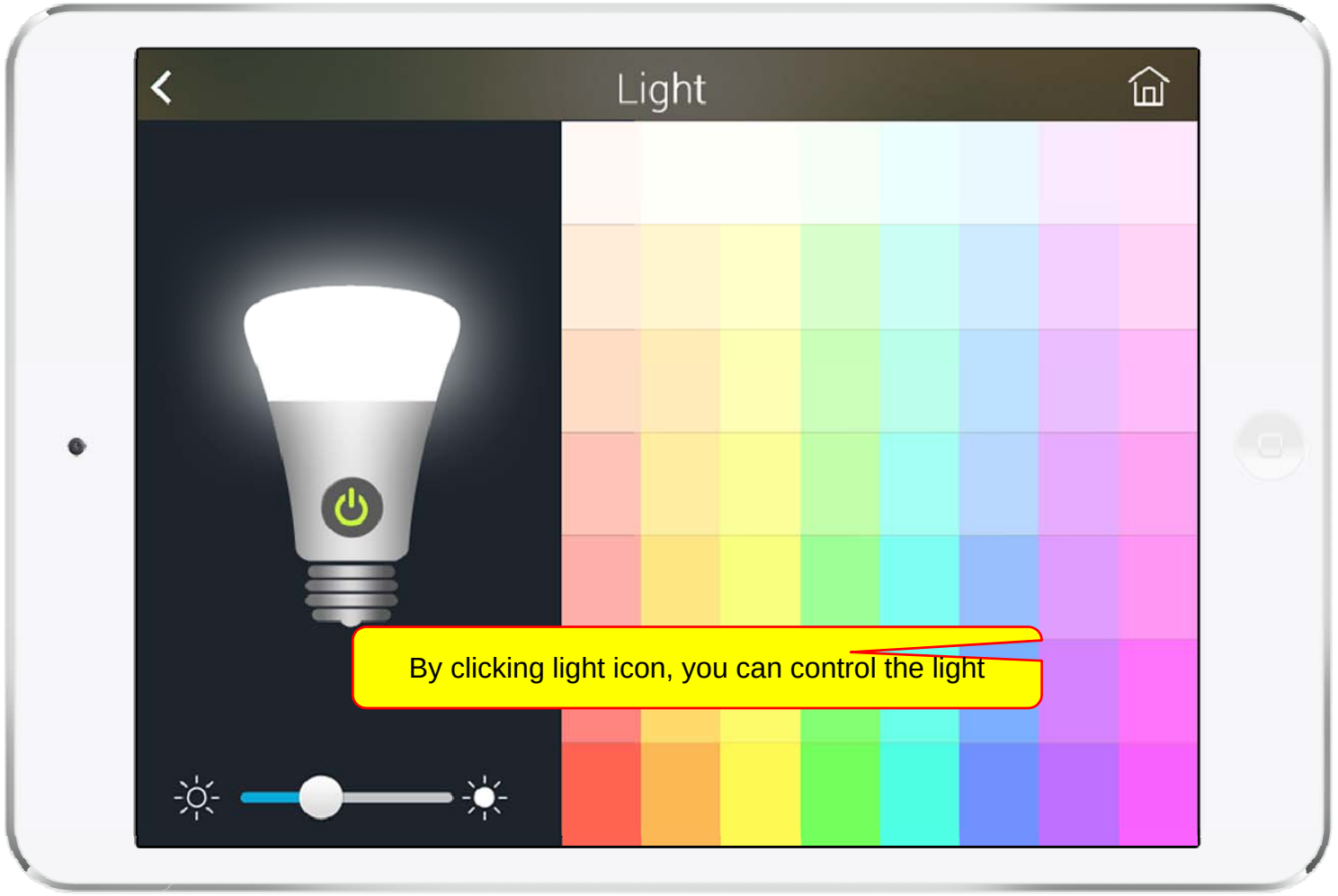
Zone Setting



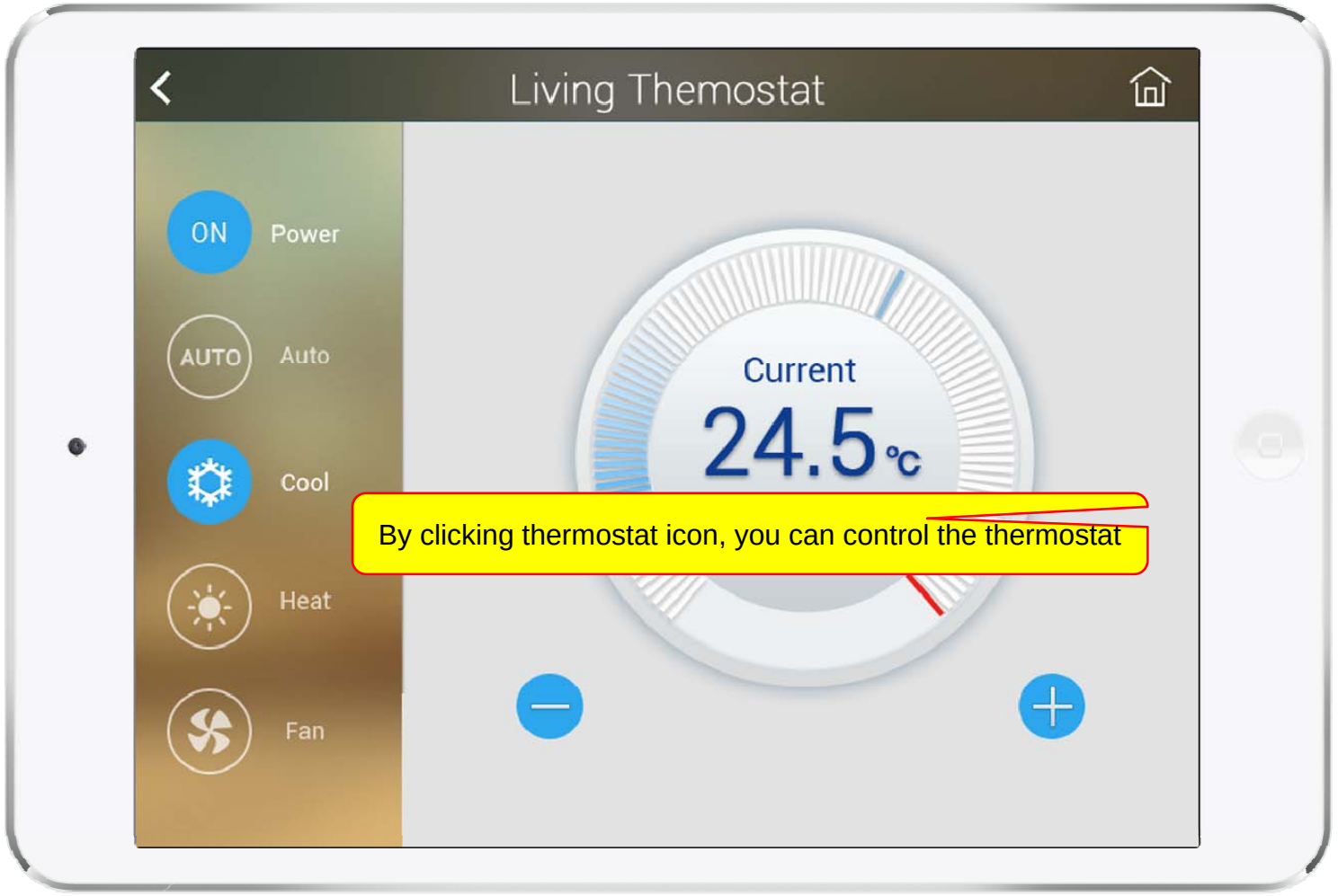
Camera Live View



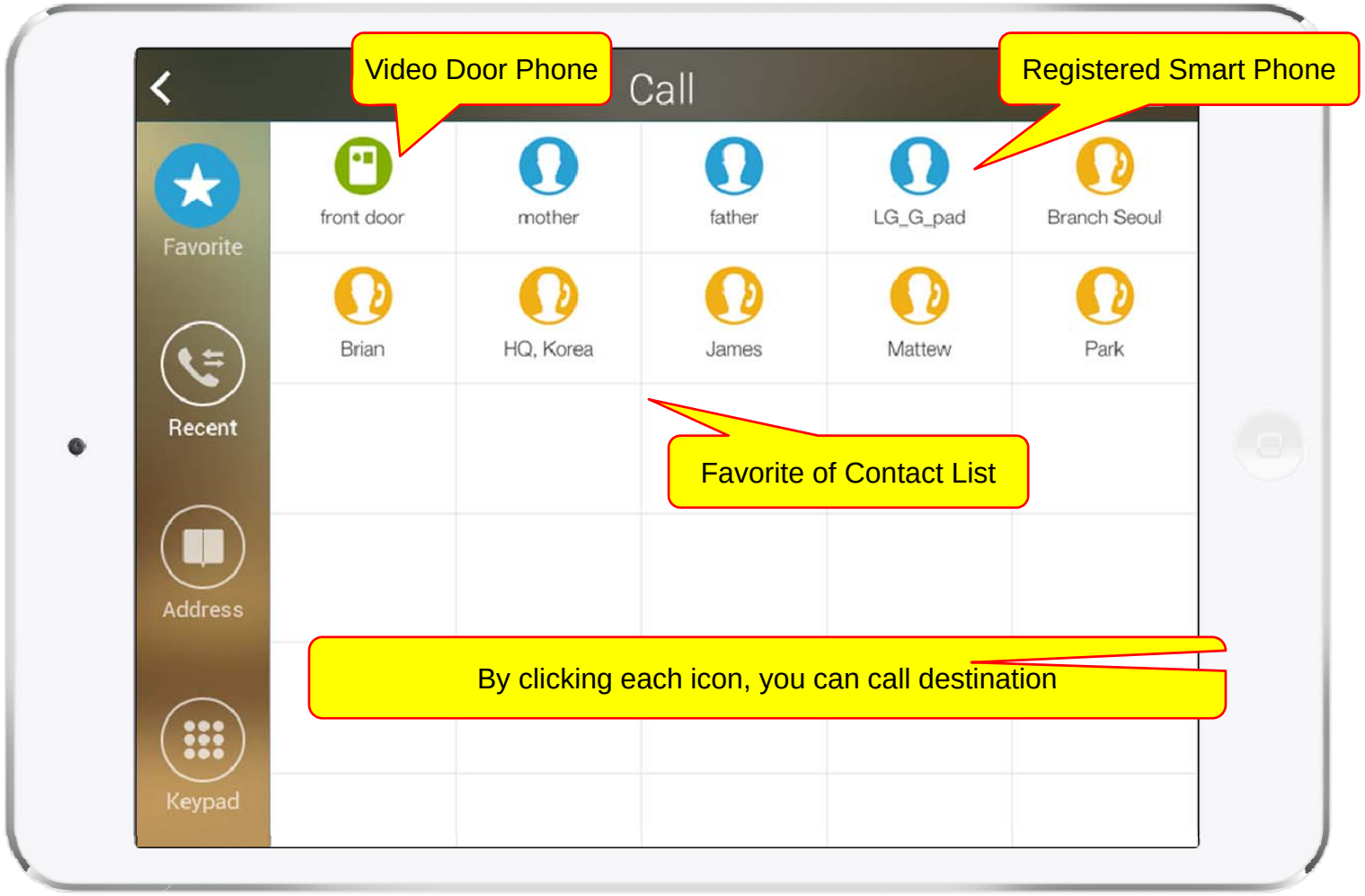
Light Control



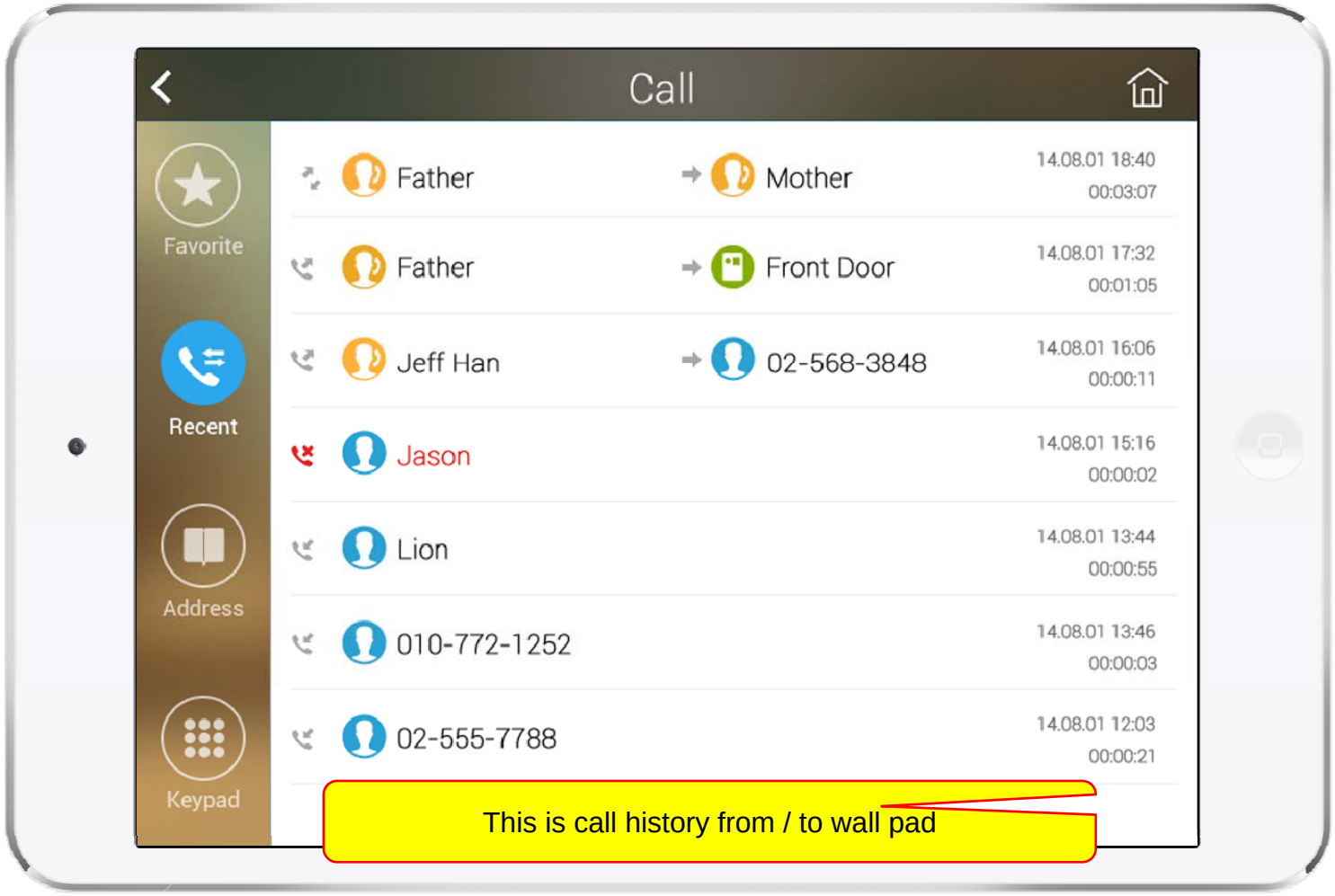
Thermostat


Living Themostat
ON
Power
AUTO
Auto
Cool
Heat
Fan
Current
24.5℃
By clicking thermostat icon, you can control the thermostat

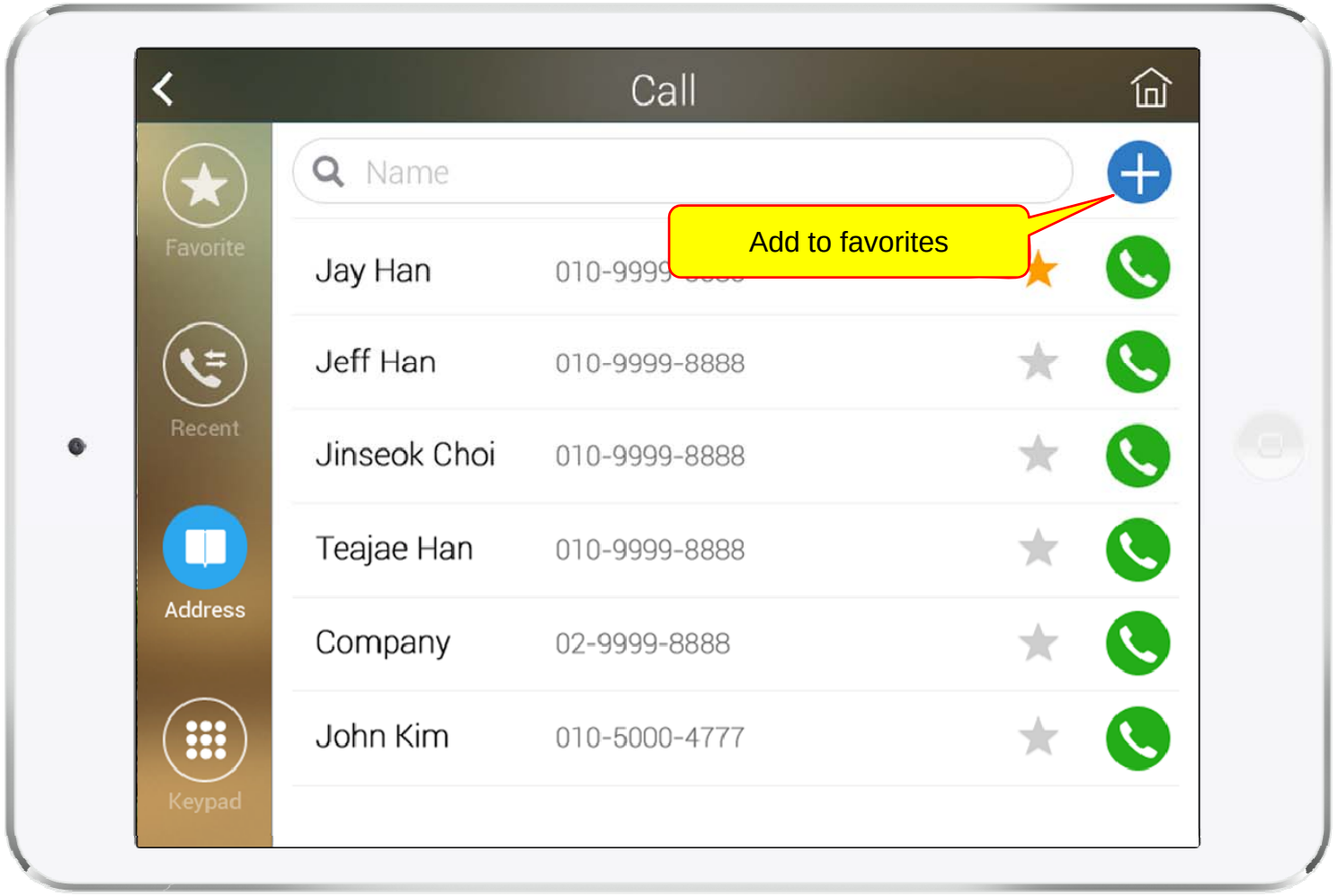
Favorite Call View



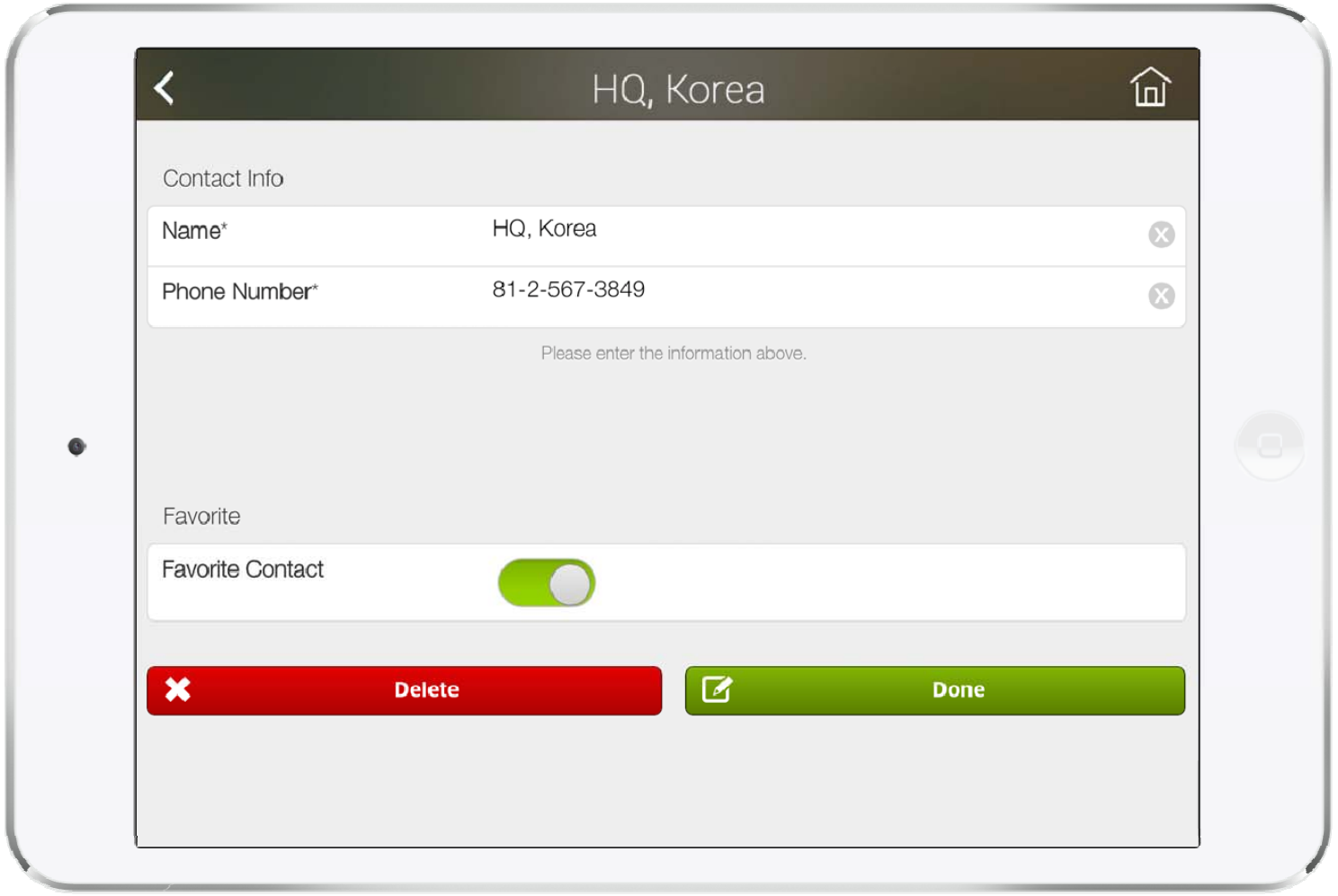
Recent Call View



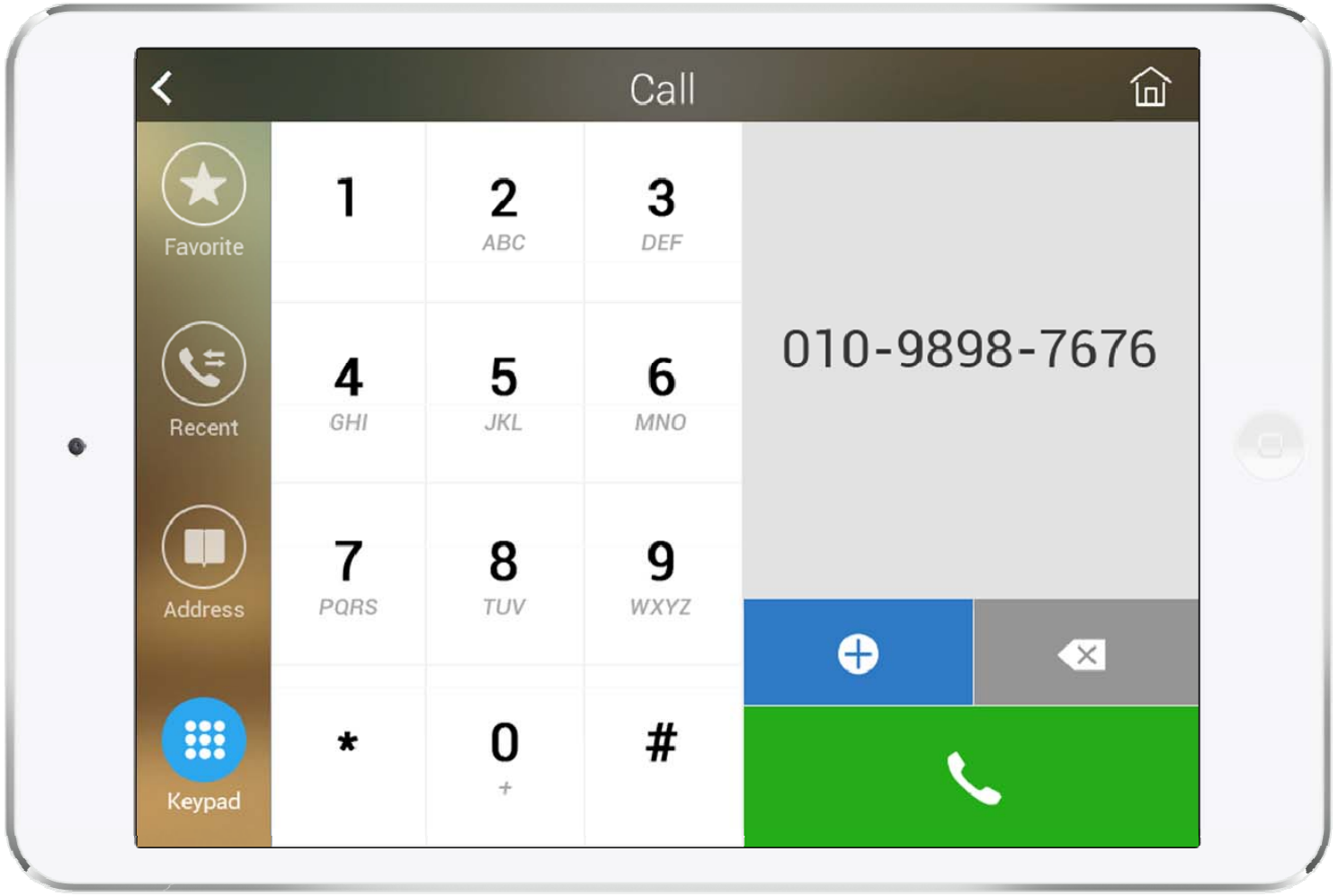
Contact View



Add Contact


HQ, Korea
Contact Info
Name*
HQ, Korea
Phone Number*
81-2-567-3849
Please enter the information above.
Favorite
Favorite Contact
Delete
Done

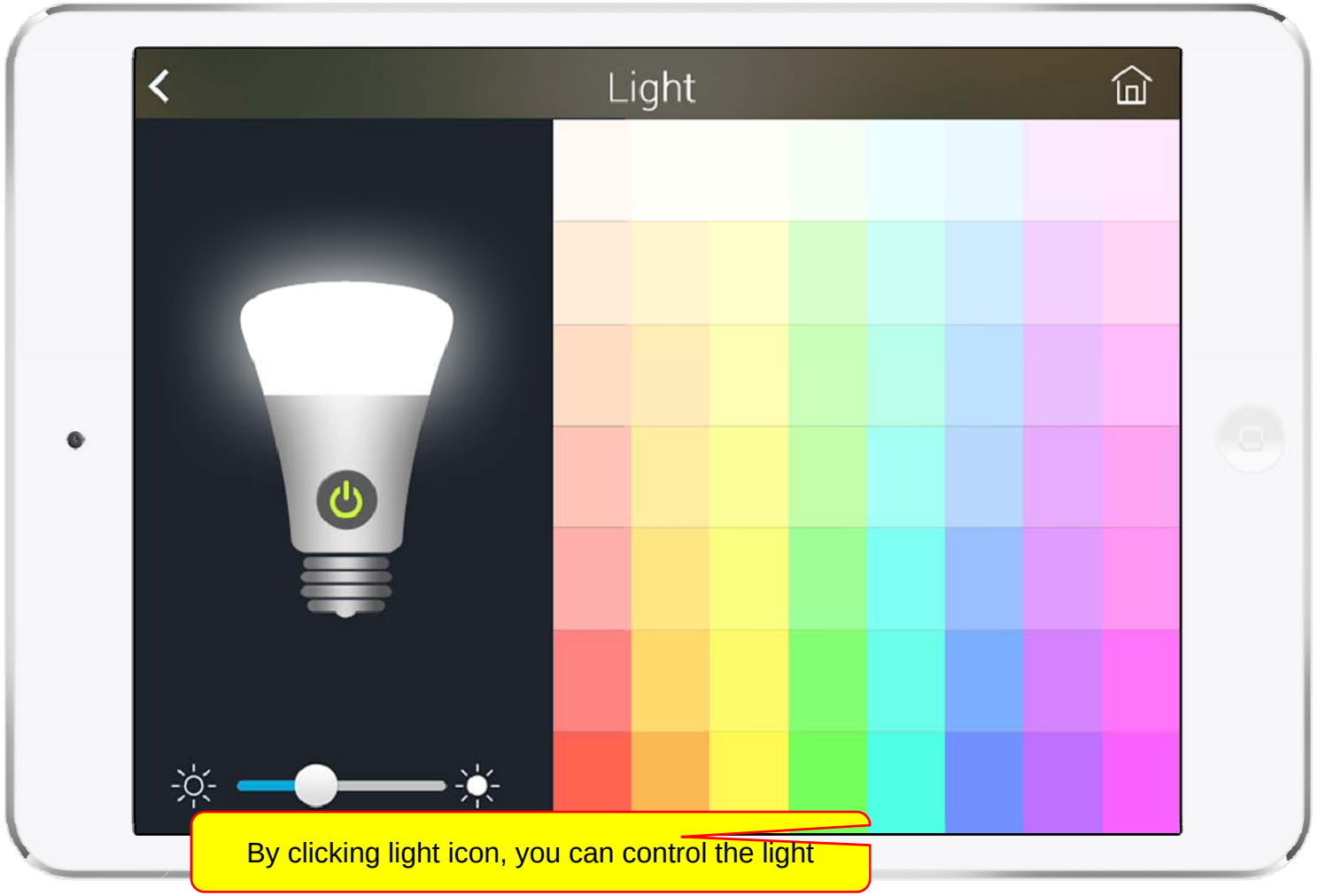
Keypad View


Call
Favorite
Recent
Address
Keypad
1
2
ABC
3
DEF
4
GHI
5
JKL
6
MNO
7
PQRS
8
TUV
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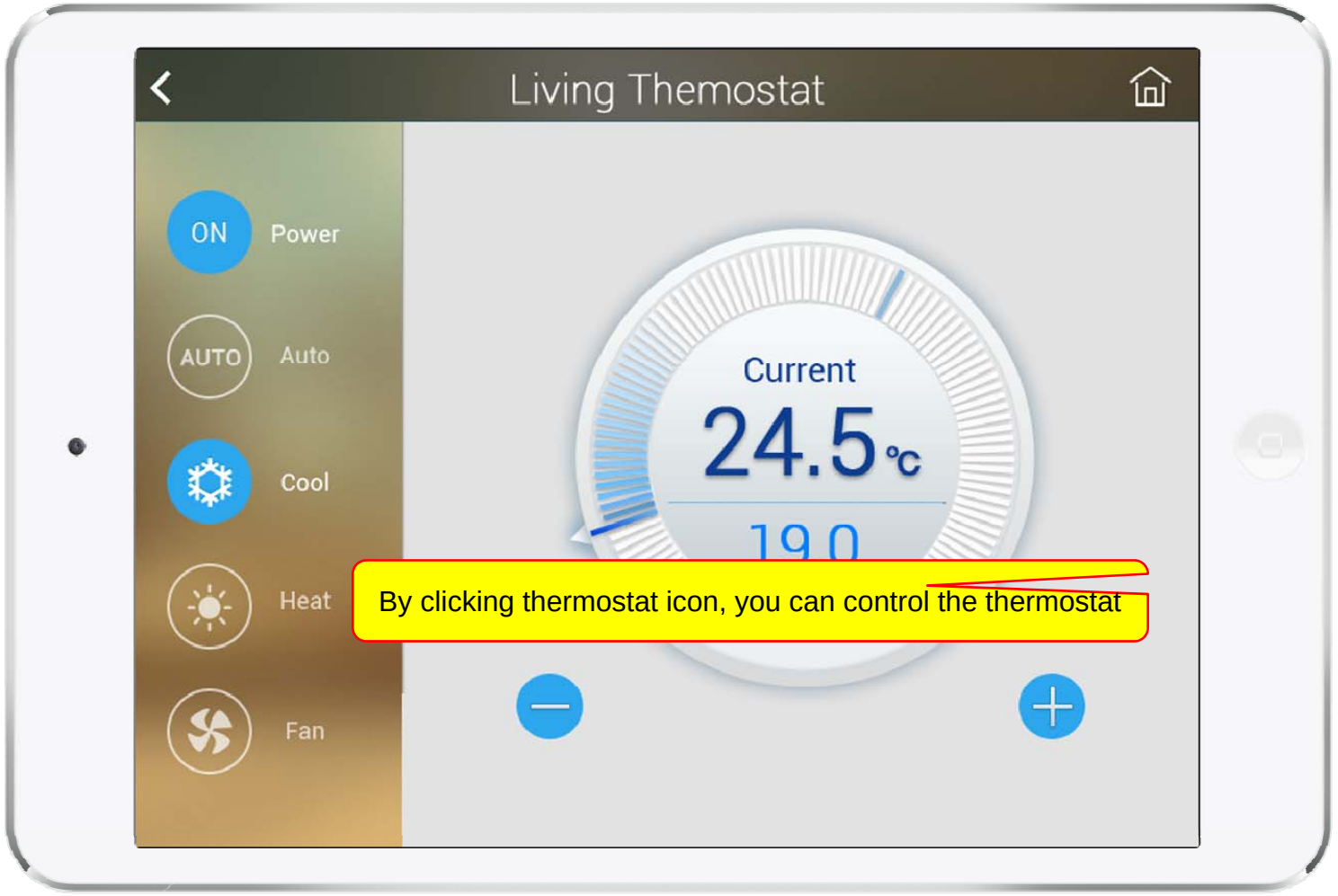
Video Call View



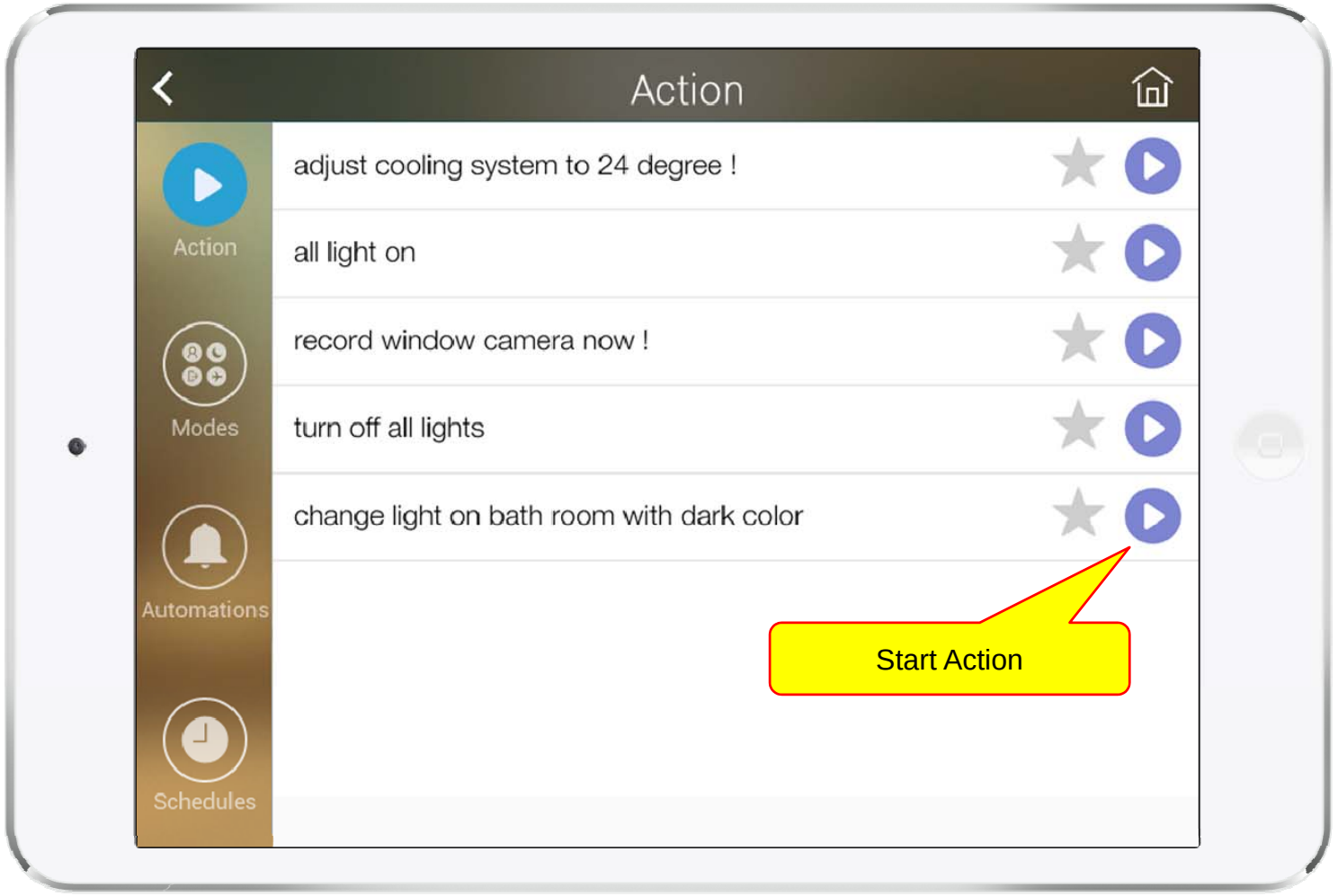
Light Control



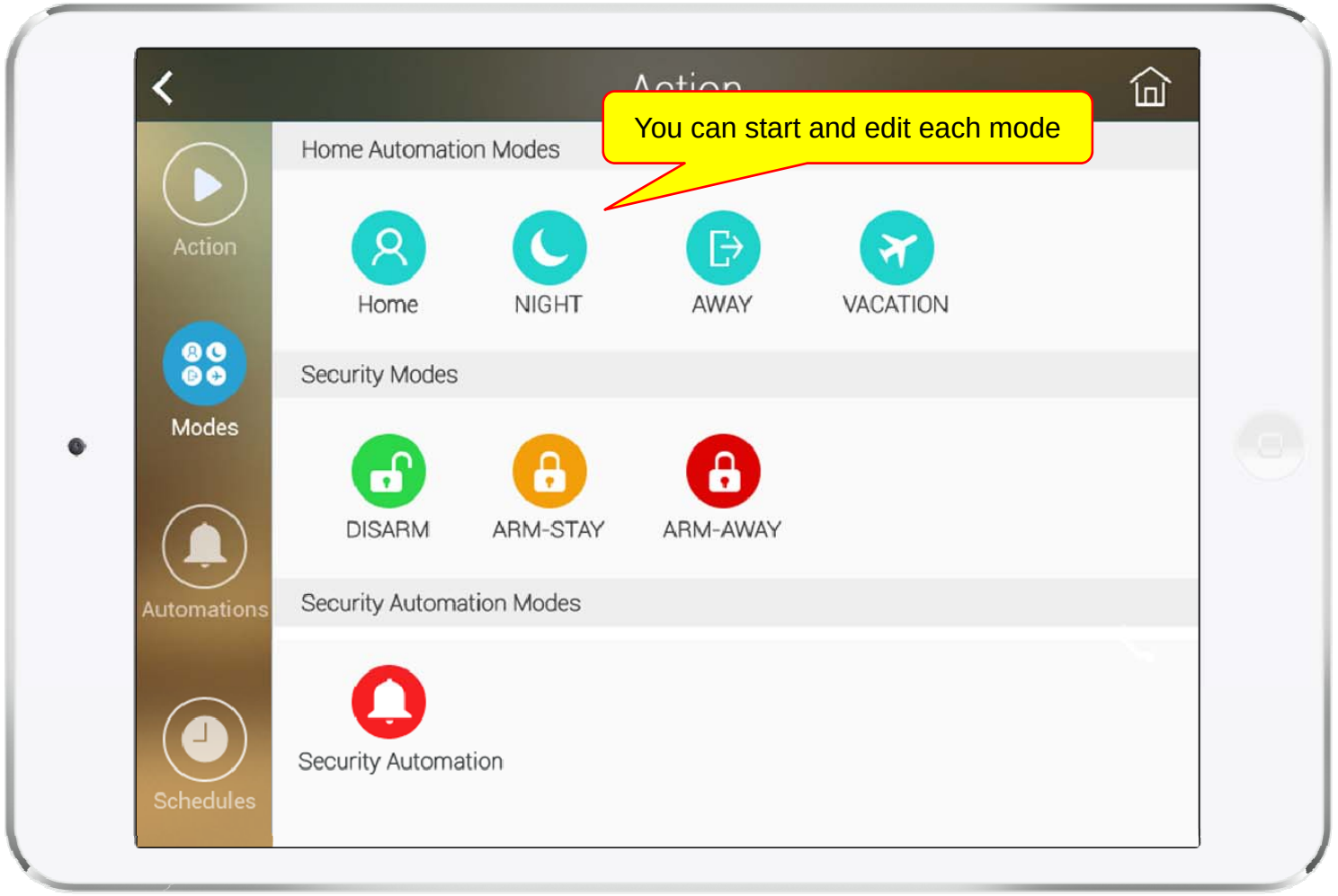
Thermostat


Living Themostat
ON
Power
AUTO
Auto
Cool
Heat
Fan
Current
24.5℃
19.0
By clicking thermostat icon, you can control the thermostat

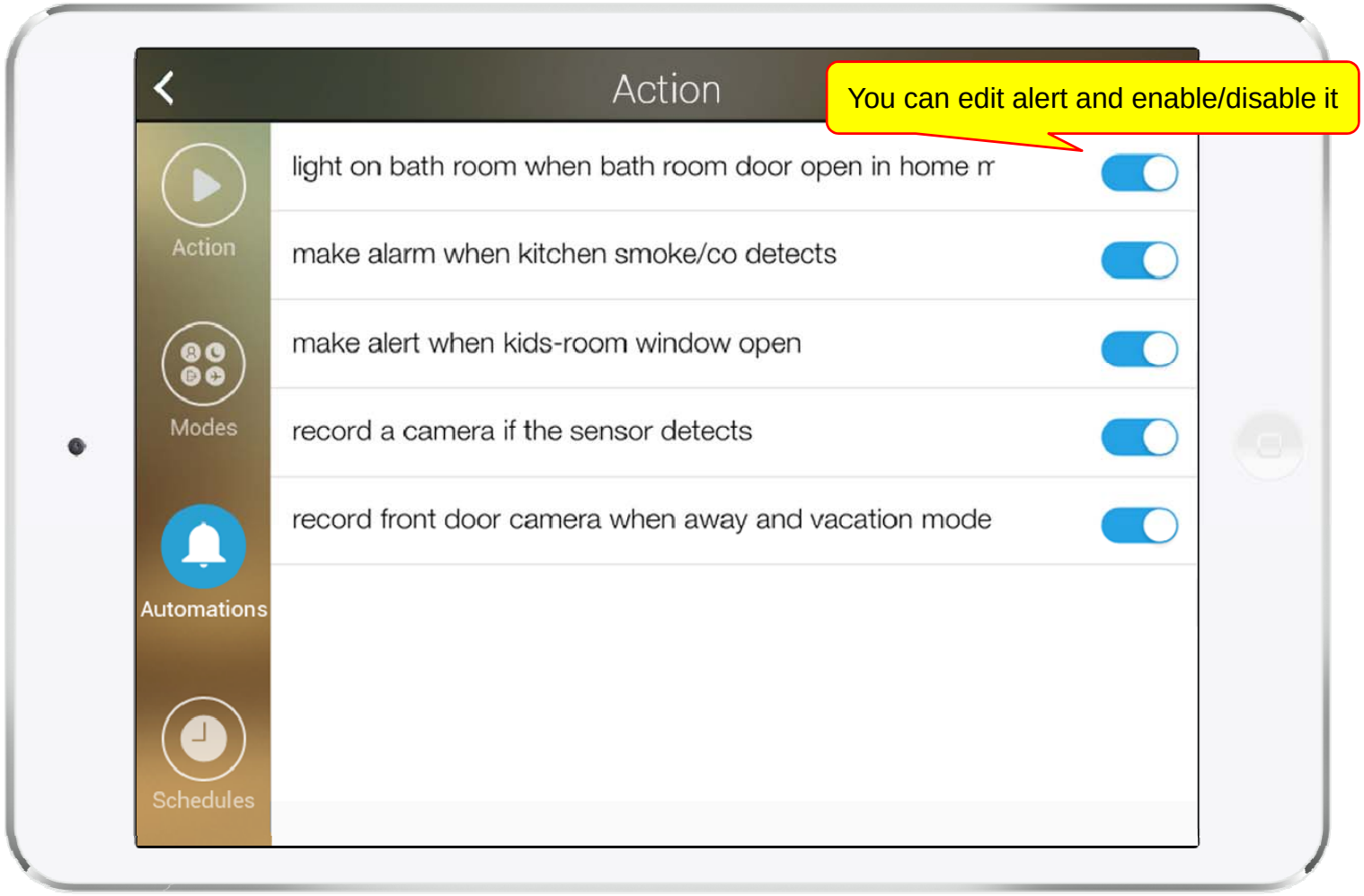
Action View


Action
Action
Modes
Automations
Schedules
adjust cooling system to 24 degree !
all light on
record window camera now !
turn off all lights
change light on bath room with dark color
Start Action

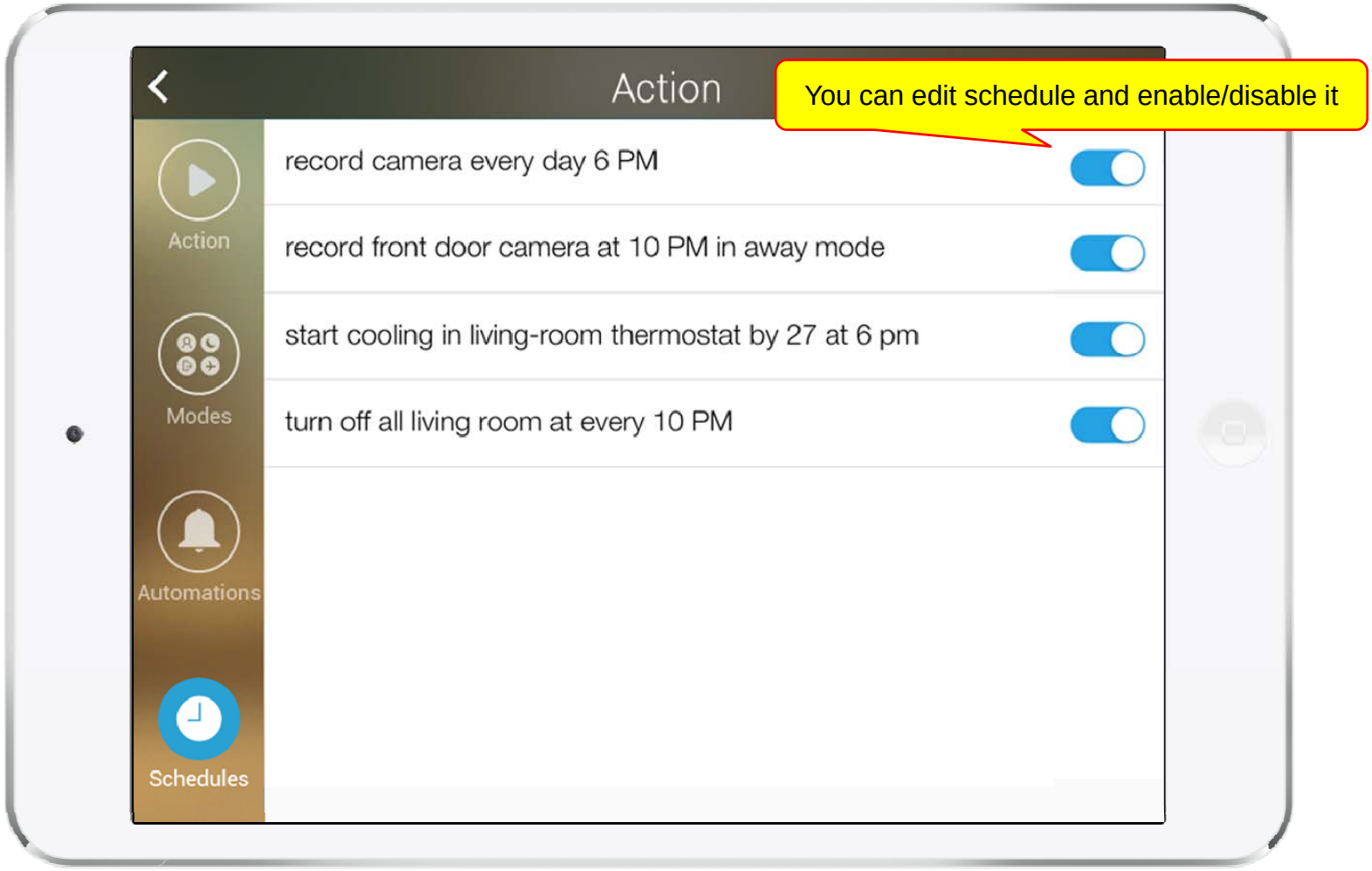
Mode View


You can start and edit each mode
Action
Modes
Automations
Schedules
Home Automation Modes
Home
NIGHT
AWAY
VACATION
Security Modes
DISARM
ARM-STAY
ARM-AWAY
Security Automation Modes
Security Automation

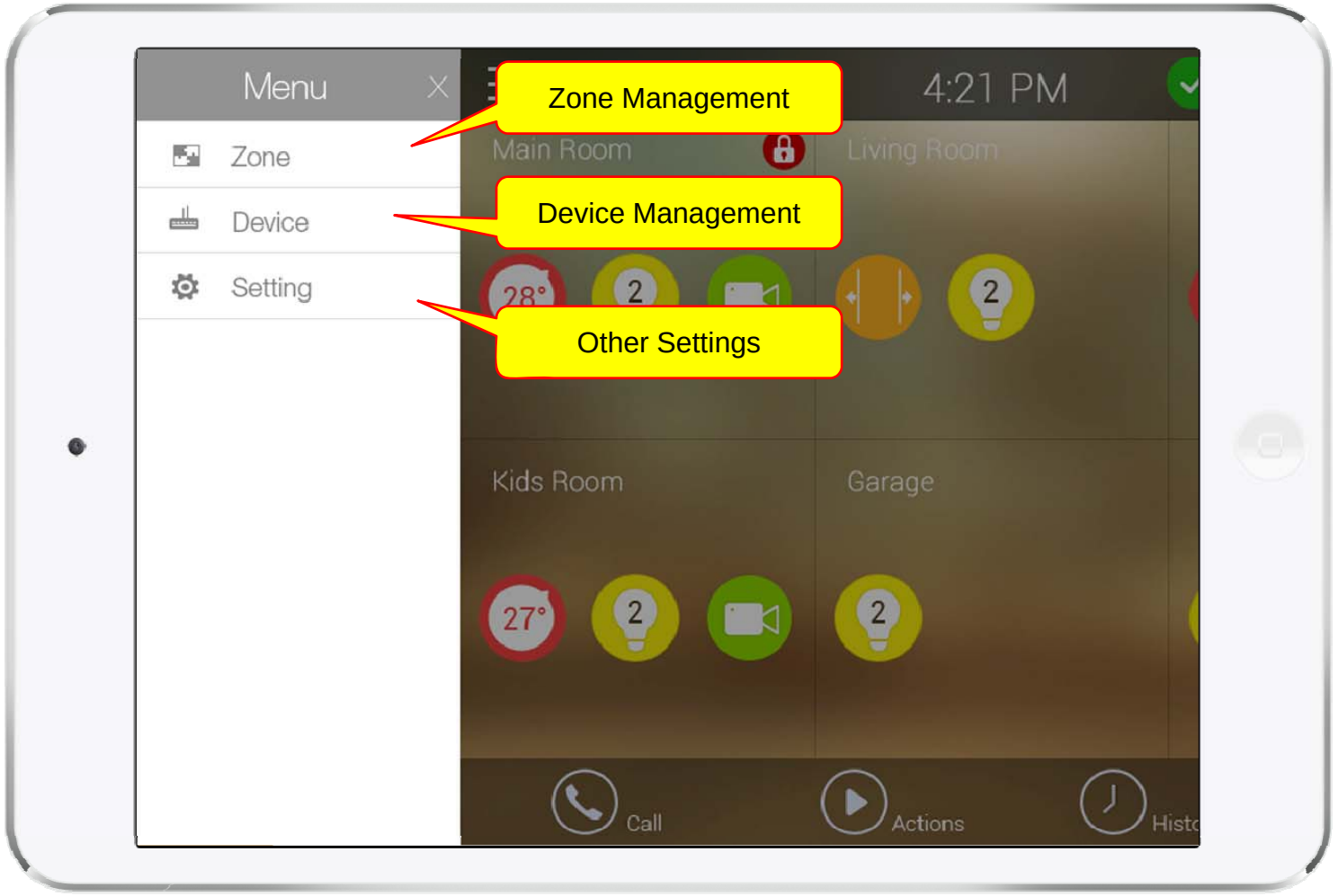
Alert View


Action
You can edit alert and enable/disable it
Action
Modes
Automations
Schedules
light on bath room when bath room door open in home m
make alarm when kitchen smoke/co detects
make alert when kids-room window open
record a camera if the sensor detects
record front door camera when away and vacation mode

Schedule View



Setting Menu



Thank you!

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Sales and Marketing

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