

UbiQ-230 Product Guide

- “on-touch” Lighting Scenario Control Panel



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Scenario Control for Smart Living

- Lighting transforms entire home lifestyle
- Home Scenario is more than lighting control
- “One-Touch” makes everyone enjoyable anytime!



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Not lighting switch, but scenario control

- **Just touch the programmed button, you can..**
 - – Flash your exhausted body while return from work by your desired home scenario
 - – right lights in right dimming, comfort HVAC climate, even the favor music is sounding.
 - – Dinning with the ones you loves while dinner is set
 - – Dinning room is lighten in your romantic mode while others lights are off.
 - – Enjoy AV hours after dinner
 - – the project screen is the project screen is low down, the curtain is close up, the lights is turn in dark at your favor
 - – More & more you want to do..
- **Easily change the default setting to fit your feeling**
 - – The user friendly UI will guide you to make change easier for anyone, anytime.
 - – Or your service people can remote update it for you thru internet



Why UbiQ 230 Scenario Control fits?

- **Superior user experience**
 - One-Touch simplicity
 - Stylish outlook w/ changeable face bezel to fit interior design
 - Rich Graphic LCD w/ Macromedia Flash supported
 - Infrared (IR) ready for remote control

Open integration interface

- RS485 protocol for dimmer / IO module
- Database library for customer own protocol added
- Ethernet TCP/IP ready for remote service / management
- Either local or Remote host for setting or update
- Multi-room control capability

Scenario Mode Define Table

- Channel Define:**

Ch#1: Audio / Video room ;

Ch#2: Restaurant ;

Ch#3: Living Room;

Ch#4: Hallway



- UbiQ-230 six scenarios
 - (1) Welcome: Ch#1 0 %, Ch#2 0 %, Ch#3 80 %, Ch#4 20 %
 - (2) Morning: Ch#1 0 %, Ch#2 0 %, Ch#3 50 %, Ch#4 0 %
 - (3) Dinning: Ch#1 20 %, Ch#2 80 %, Ch#3 20 %, Ch#4 20 %
 - (4) AV: Ch#1 20 %, Ch#2 0 %, Ch#3 0 %, Ch#4 0 %
 - (5) Party: Ch#1 40 %, Ch#2 10 %, Ch#3 10 %, Ch#4 40 %
 - (6) Away: Ch#1 0 %, Ch#2 0 %, Ch#3 0 %, Ch#4 20 %
- Security Check Okay

Atmosphere Change....



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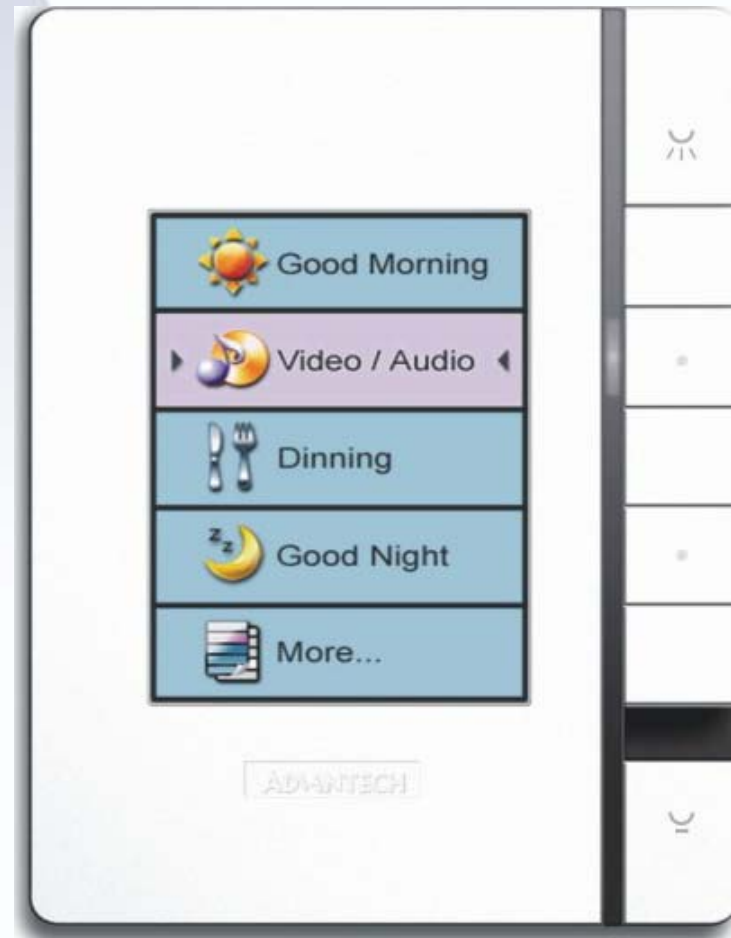
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More than e-Home, but lighting

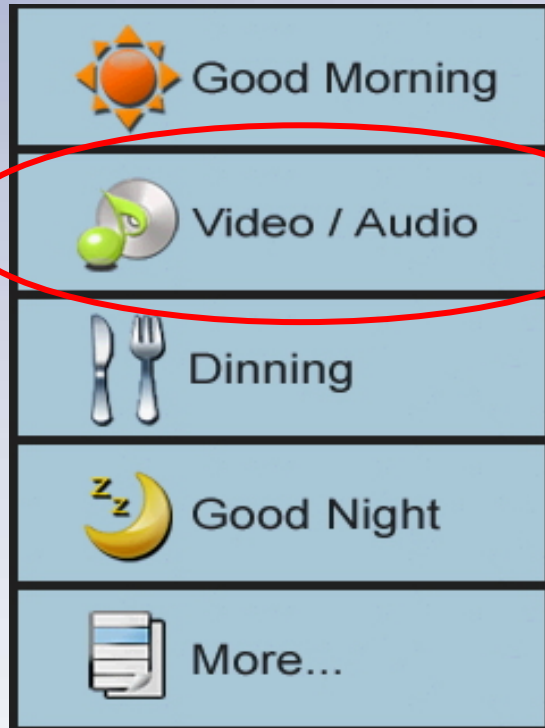


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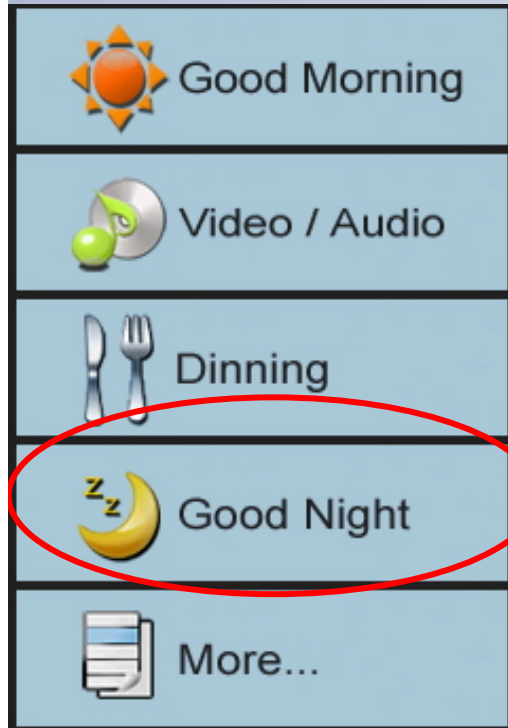
Home Scenario for Smart Living (2/3)



- **Home Theater Mode**

With a single touch of the controller the lights dim, the shades close, the screen opens, the temperature adjusts, the AV turn on, the volume is set and the DVD server plays your movie. UbiQ puts you in complete control right from your comfortable seat.

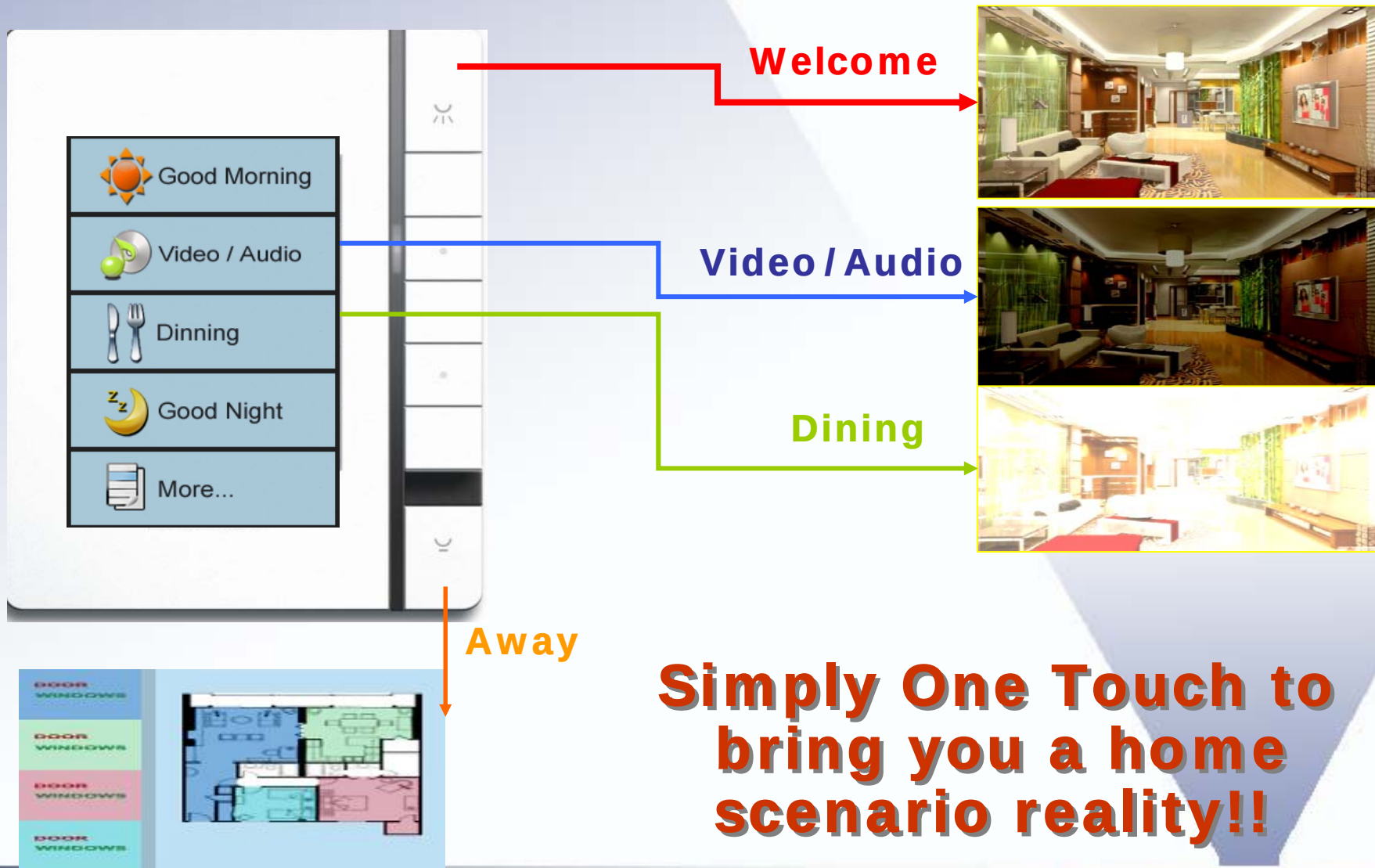
Home Scenario for Smart Living (3/3)



- **Sleep Mode**

With a single touch of the controller the lights dim, the shades close, the temperature adjusts, the music device turn on, the volume is set and the sleeping ambiance is done. UbiQ puts you in complete control right from your sweet sleep.

Essence of UbiQ Scene Control



**Simply One Touch to
bring you a home
scenario reality!!**

Product/Solution information

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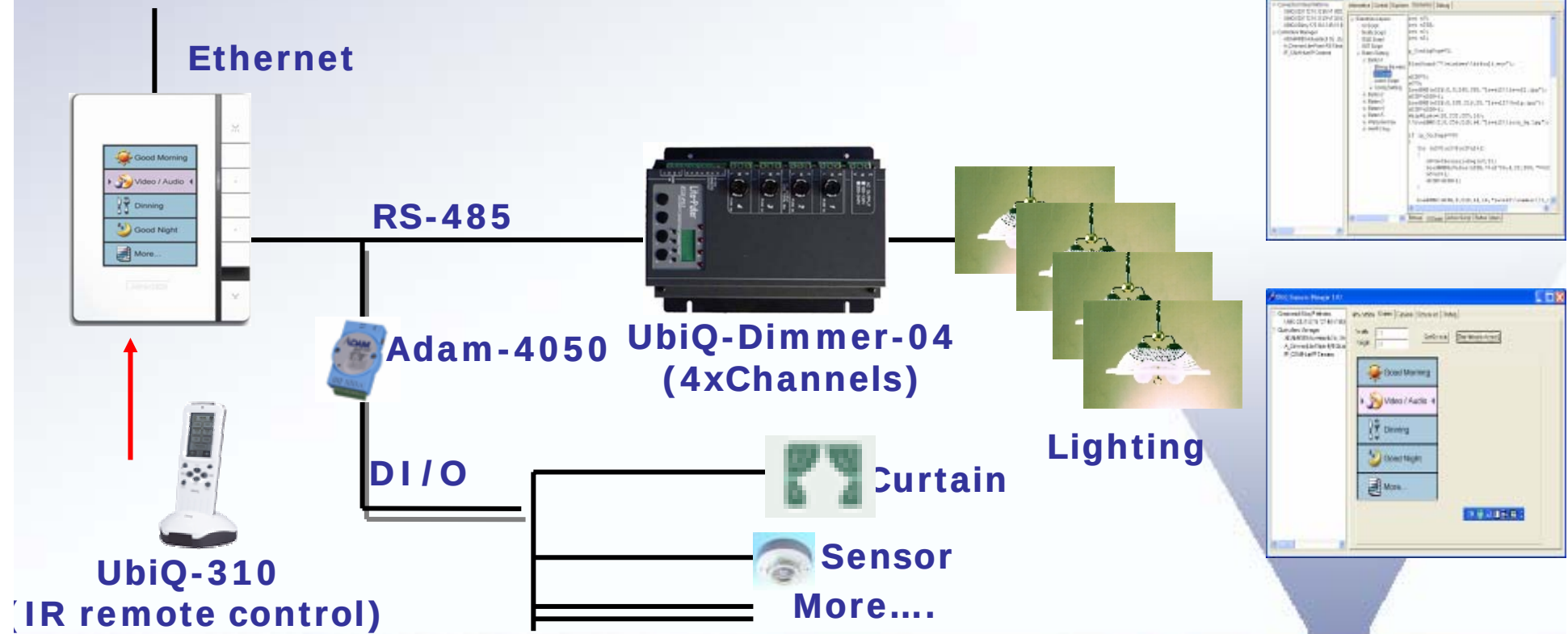


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UbiQ-230 Service-Ready Platform Diagram

- Control Panel(UbiQ-230) + Apps (Scenario Manager) + Dimmer(4-channel) + IO Module(Adam-4050) + Remote Controller(UbiQ-310)

Data Network for eService

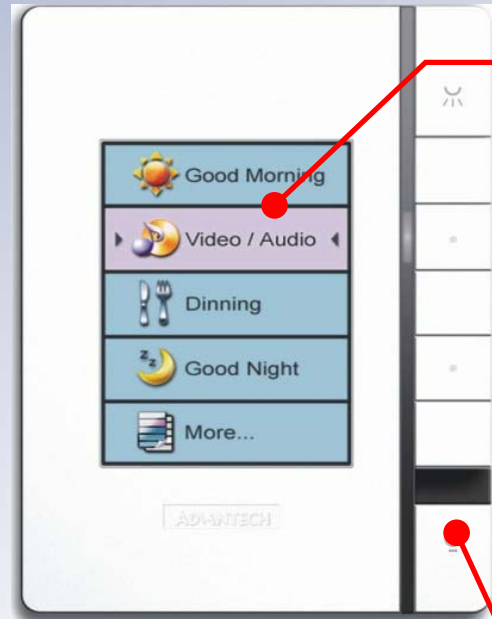


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Function Feature(1 / 2)

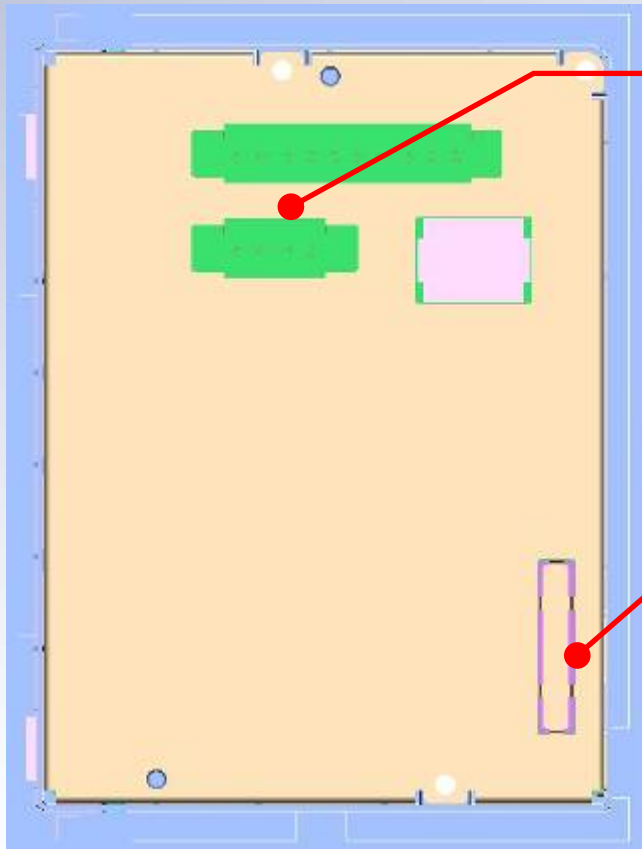


- Reliable / Low power ARM 9 CPU,
- Open OS : WinCE 5.0 pre-installed
- Long-life 3.5" Color TFT-LCD
- Rich presence by Macromedia Flash
- Apps-ready w/ own programmable utility



- 7x Scenario Keys
 - With LED indicators for Scenario controls
- Built-in IR for Remote Control
- 1W Speaker for reminding & acting alert

Function Feature(2/2)



- 2-pin RS-485, 2-pin power
- 1xRJ-45 LAN Port

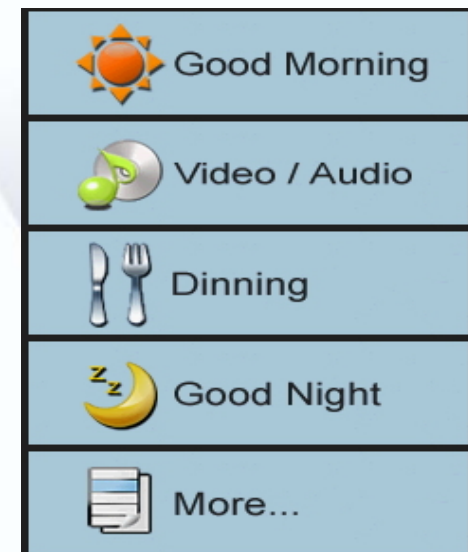
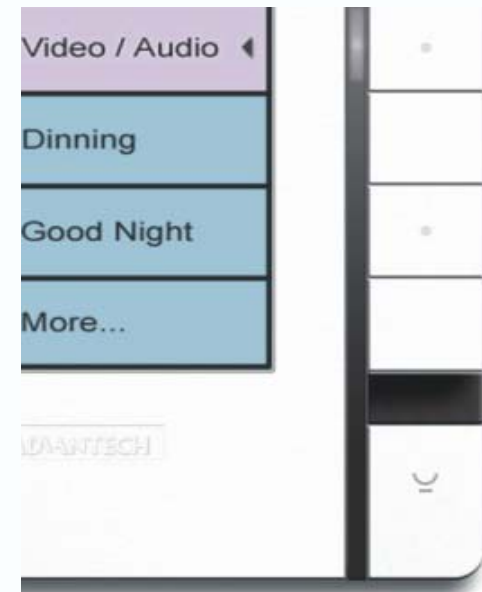
- 20-pin expansion port for dedicated protocol module
 - Such as: LonWorks; DALI module...

Operation Feature

- **Easy to read & touch**
 - 7 pre-programmed home scenario modes, system integrators can seamlessly adopt.
 - Enlarge the Frequent scenario button “Welcome” & “ Away” Keys in consideration
 - Integrated IR receiver to be controller remotely

Easy to configure

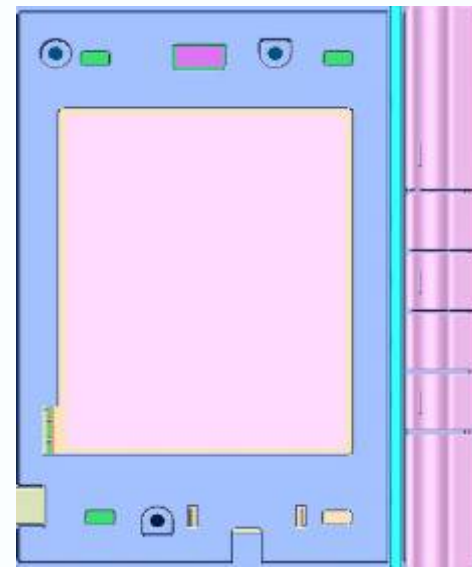
- Scenario Manager (for SI): configure from remote site.
- Scenario Designer (for Lighting designer): scene design hands on tool



Update / Installation Feature

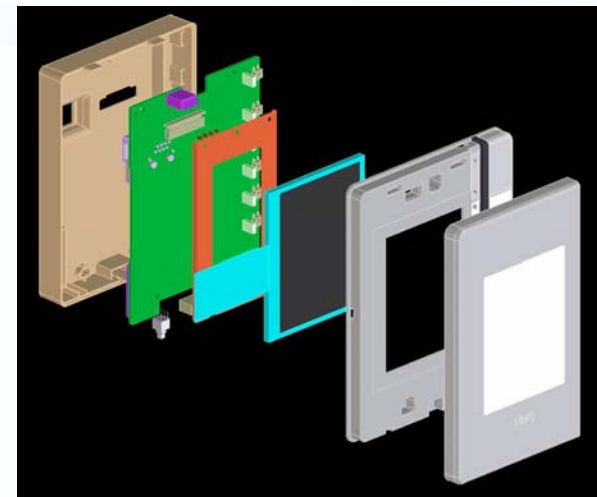
- **Easy to Configure**

- A debug & configure connector is located underneath the front cover for SI set-up and device configuration

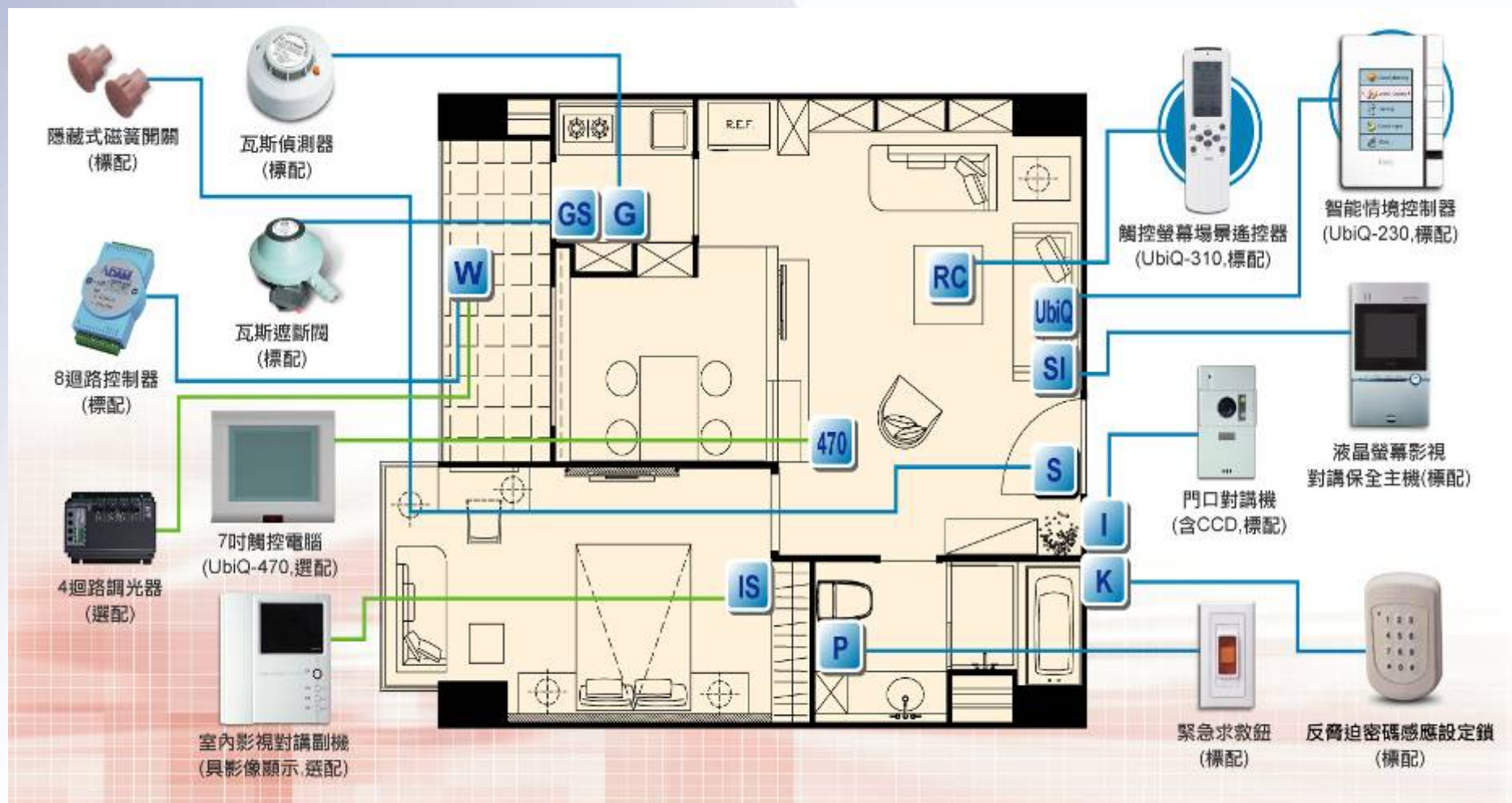


- **Easy installation / cabling**

- Faceplate is changeable for customization and removable for system configure
- Easy to attach / de-attach with wall box



UbiQ-230 Floor Plan Illustration



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UbiQ-230 Dimmer (UbiQ-Dimmer-04)

- 4 channel Fluorescent dimmer
- Dimming / Switching / Fluorescent 3 output modes selectable
- 4 channel output, 5A per channel, total 20 A
- AC Input : 110V / 220V
- Dimming Control level:
 - 0-100 % (normal);
 - 10 % -100 % (Dimming Fluorescent)
 - Only ON /OFF (non-dimming device)
- Switching Mode: DMX > 51 % AC ON, < 25 % AC OFF
- Fluorescent Mode: DMX > 10 % AC ON, < 8 % AC OFF
- Control Input: RS-485
- Fade-in/fade-out time setting: 1-99 secs.
- Delay shut-off time setting for fluorescent lamps: 0-99 secs.
- Working temp.: 0-45C
- Dimension : 235(H) x180(W) x74(L) mm
- Weight : 2.0 kg

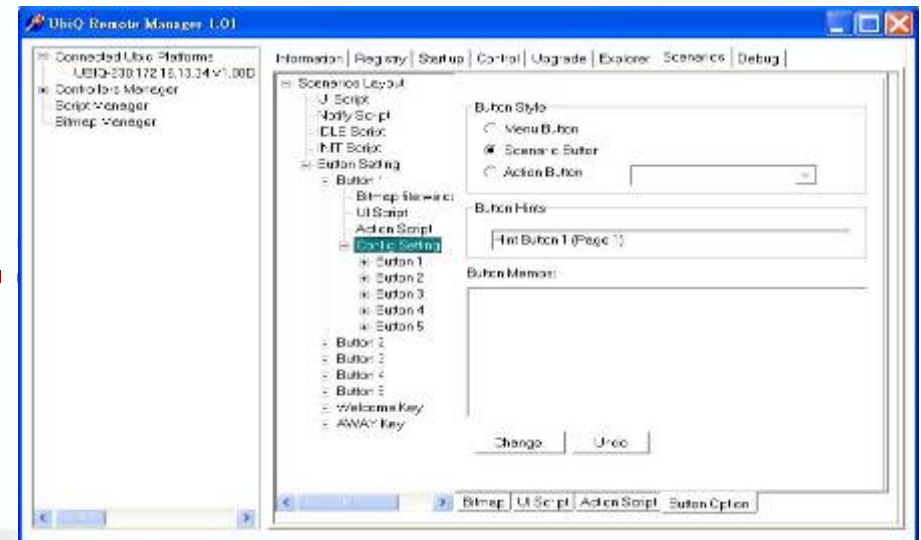
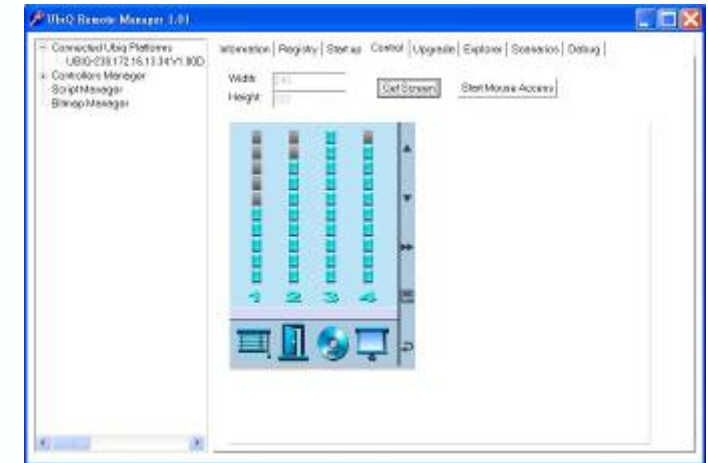


UbiQ-230 Development Tool (PC Site)

- **Scenario Manager v1.02**

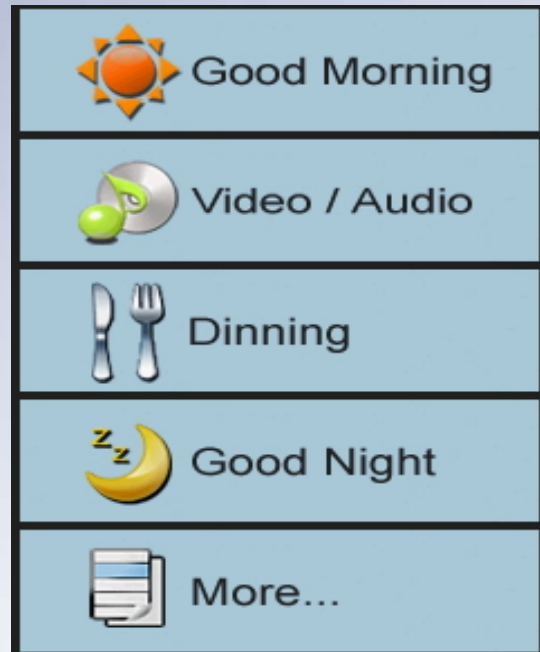
- Information
- Registry
- Start Up
- Control
- Upgrade
- Explorer Scenario
- Debug

- **Scenario Designer v. (coming soon)**



UbiQ-230 User Interface (for End User)

- **UI v.1.02**



Menu Page



Set-Up Page



Idle Page

- Menu Page:** Scene design & deployment
- Set-up Page:** Lighting volume adjustment and DI/O sensors configuration
- Idle Page:** screen saver & Clock display

Supporting & Customerization service

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Ordering information

- UbiQ-230-CE0E: 3.5" TFT color LCD with 32-bit ARM 9 CPU (Oct./End)

Accessory

- UbiQ-Dimmer-04: 4CH Liteputer dimmer(EDX-F04) (Oct./End)
- UbiQ-Wallbox: In-wall Box (Oct./End)



Customization Support

- **Software Service**
 - SW OS image customization
 - Customized SW utility / tool development
- **Mechanical customization service**
 - Customer chassis design / color / material / Logo
 - Customer Cables
- **Accommodate with diverse control protocol requirement**
 - Control module compatibility verification
 - Control protocol development
- **Any other special requirement in project basis**

Available Technical Material & Resource

- **Product information / Resource**

- SDK (Including in CD utility in each unit)
- BSP support (Request by Project, NRE charge might be applied)
- Mechanical related dimension / drawings
- Installation / Cabling Guide
- Updated sample Image / User Manuel / recommended device list

- **Technical Contact Link**

- Aaron.Chiang@advantech.com.tw

