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UbiQ Computing and Solutions

Enabling eLifestyle Convenience Through Residential & Commercial Automation



- Residential Terminal
- Scenario Control
- Mobile AV Control
- In-wall Touch Panel

Trusted ePlatform Services

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Trusted ePlatform Services

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UbiQ Computing and Solutions for Smart eLifestyle

The Advantech UbiQ series enables end users to enjoy ubiquitous eLifestyle convenience. We offer an array of residential and commercial control devices and terminals. Our product lines include: scenario control panels, mobile audio/video controllers, residential terminals, and in-wall touch panels. The essence of Advantech UbiQ series is to marry "technology" with "sense of comfort" in everyday life by enabling users to centrally manage and control a variety of audio/video, environmental and communications technologies. Advantech also complements the UbiQ solution with RemoteManager software suites for advanced settings and customization.



Technology

Digitization
Automation
Integration

Comfort

Scenarios
Intelligence
Security

Ubiquitous

Control Anywhere
eService Anywhere
Enjoyment Anywhere



Residential Applications

Advantech UbiQ series provides homeowners with a single system approach to managing a wide range of home electronics, including:

Scenario Lighting Control

Advantech UbiQ series gives you unlimited freedom to change the light that surrounds you. Personalized lighting scenes (e.g., party, romantic, dining) can be created to set the mood for any occasion.

Mobile Access to All Home Systems

Homeowners can access their central control terminal remotely over the Internet to communicate directly either via PC or via mobile phone.

Security/ Surveillance

Advantech Residential Terminals provide total control of intruder security systems. Strategically placed CCTV cameras outside the house can relay visitors' images to fixed points of access control.

Community Service

UbiQ solutions can further integrate signals from various sensors such as smoke detectors and pass the signal to a central control room within the community.

Commercial Applications

Advantech UbiQ series offers simplicity and cost-effective integrated automation and control solutions for today's technology rich presentation facilities in the following arenas:

Conference Room

To ensure a meeting runs seamlessly, UbiQ solutions maximize the experience in your meeting by automating environmental controls like HVAC, window and lighting presets, and audio/video equipment.

Hotel Room/ Suites

UbiQ series can automate and control virtually all facets of a luxury hotel including the ability to easily access services and environmental control plus various audio/ video products from their hotel room or suite.

Public Arena

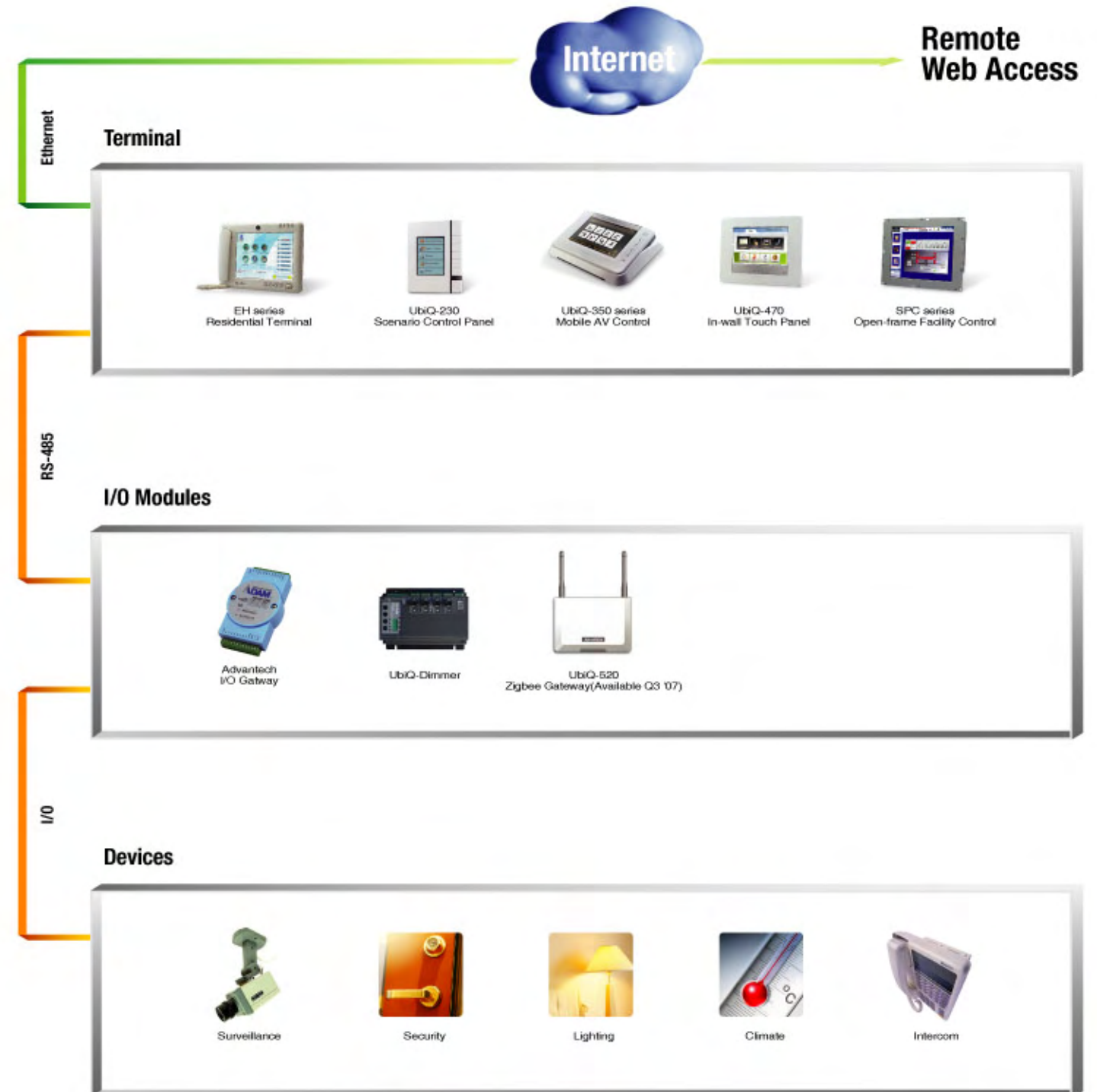
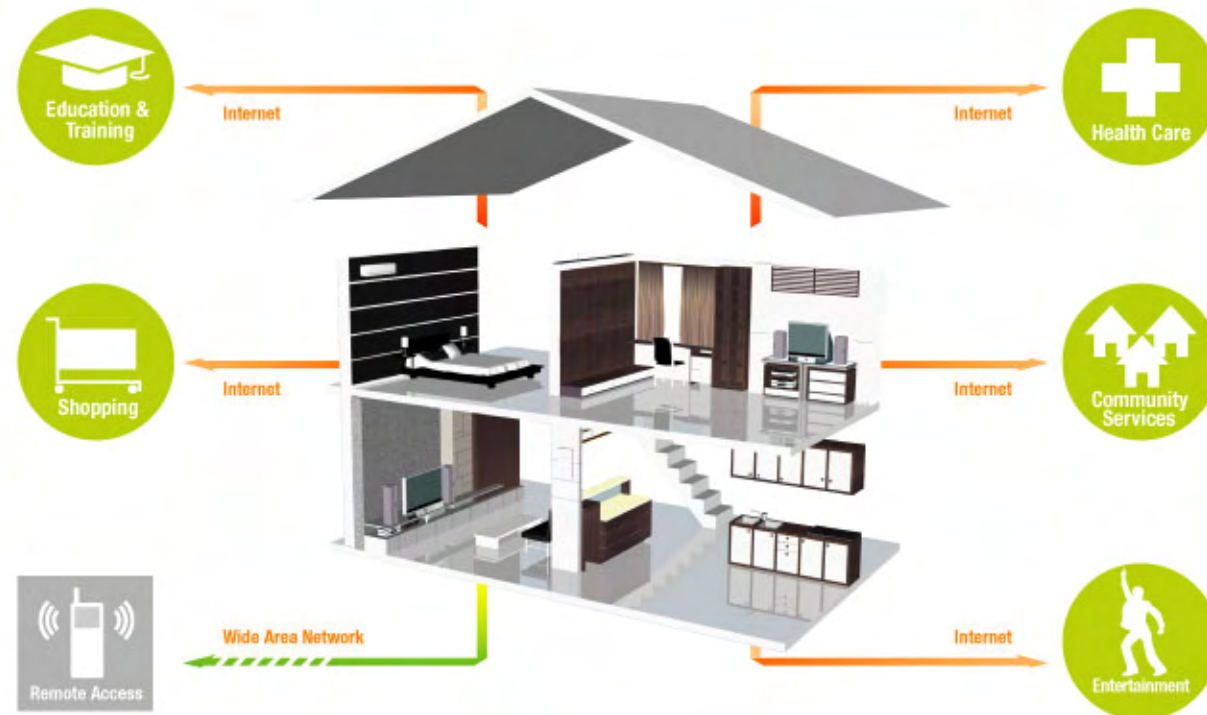
For public arenas such as museums, sport stadiums and theaters, UbiQ series offers integrated control and automation solutions for a limitless number of video displays, audio systems, lighting scenes, environmental configurations, content management and delivery, and much more.



UbiQ Computing and Solutions

Advantech UbiQ series is a complete computing platform and solution for residential and commercial applications. The competitive advantages delivered by Advantech UbiQ series includes:

- ❖ Reliability and longevity support
- ❖ Integration of wireless connections
- ❖ Stylish wall-mounted design
- ❖ User programmable and customization support capability





UbiQ-230 Room Scenario Control

One-touch Simplicity to Realize Your Favorite Home Atmospheres

UbiQ-230 Room Scenario Control

One-touch easy access

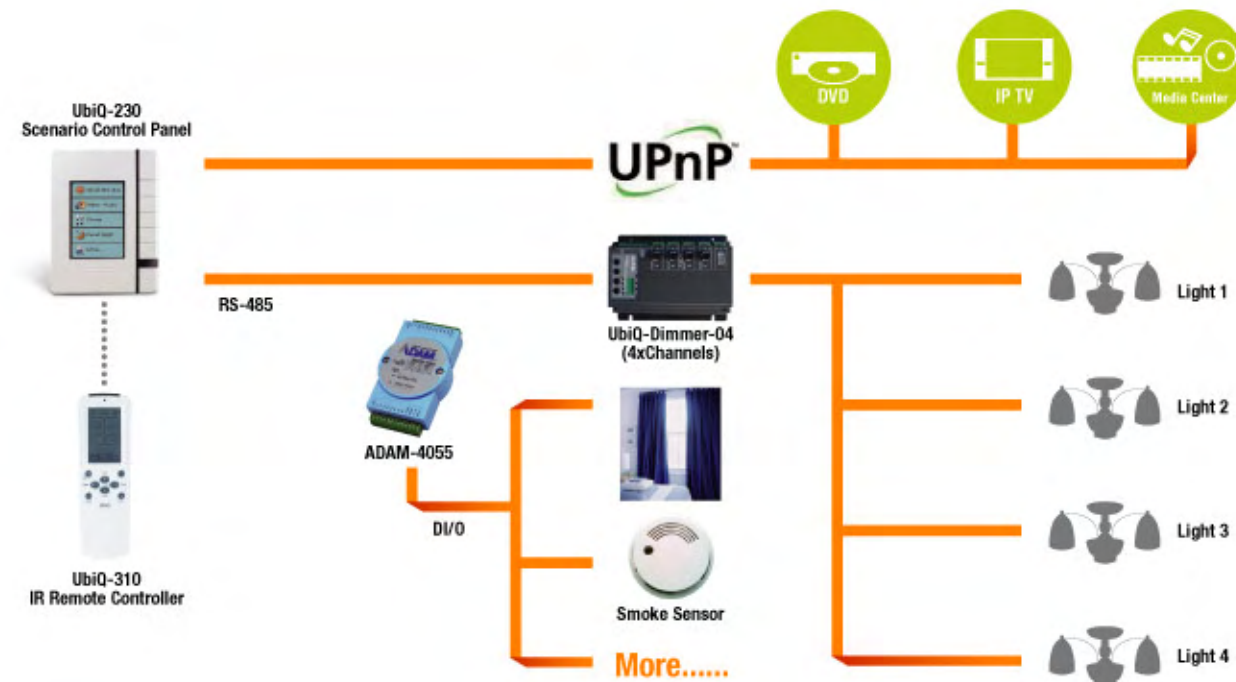
UbiQ-230 has 7 programmable hard-keys to initiate 7 different scenario settings. These 7 keys are programmable via ScenarioManager software for customized settings.

Service-ready package

UbiQ-230 works with UbiQ dimmer and Advantech ADAM I/O modules to control various electronic devices, and is also compatible with IR-based remote controllers e.g. UbiQ-310. Optional accessories such as the Wall Box are ideal for newly constructed/renovated homes.

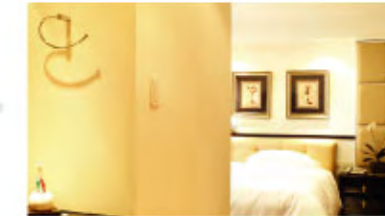
Stylish design with ample computing capability

UbiQ-230 is sleek and stylish and can be embedded into any interior design. Its 3.5" color TFT LCD can display scenario icons for intuitive operation. Also, its ARM9 based 32 bit processor with WinCE 5.0 OS provides ample computing power.



Welcome

Simply press "welcome mode" and all settings can be easily adjusted to modify the atmosphere with wonderful lighting effects!



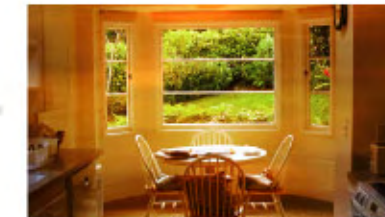
Good Morning

Simply press the "good morning mode" to initiate a unique theme after you wake up. Let the morning light greet you softly while you adjust the curtain/shades to let the sun shine in!



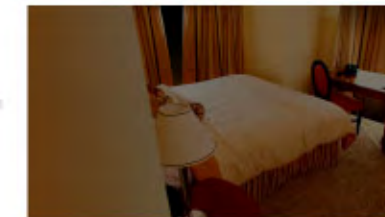
Video/Audio

Simply press the "video/audio mode" to dim the lights, adjust the shades and lower the projection screen! It's that easy to enjoy a classic movie with your loved ones.



Dining

Press "dining mode" to bring out the romantic lighting so that you can enjoy your meals with a better appetite!



Good Night

Press "good night mode," and you can not only adjust the lights that surround you for a good nights sleep but also the lighting throughout the house.



Away

Press the "away mode," and you can conveniently turn off the lights, raise the shades, and initiate the security system. Now you can leave home safely!

Ordering Information:

UbiQ-230-CE0E	3.5" QVGA color LCD, CE 5.0
UbiQ-Dimmer-04	Liteputer EDX-F04 4Ch Dimmer w/ UbiQ protocol
UbiQ-230-Wallbox	In-wall box for UbiQ-230



UbiQ-310 IR Remote Controller

Universal Remote Control with Touch Screen

Features and Benefits

Universal usage

UbiQ-310 has been designed to complement with UbiQ-230, UbiQ-350, and UbiQ-470 series, plus all of the commercial electronic devices with IR receiving capability. It is equipped with peer-to-peer learning and macro-programming capabilities.

Built-in IR code library

UbiQ-310 allows you to access the specific codes for your devices from the pre-programmed code database, which can control up to 64 devices.

Excellent learning function

You can improve on the original remotes by using the "learning function." UbiQ-310 will automatically guide you to learn all the buttons one by one.



UbiQ-350 Mobile AV Control

Wireless Mobile Panel for Facility Control Anywhere



Features and Benefits

Wireless control

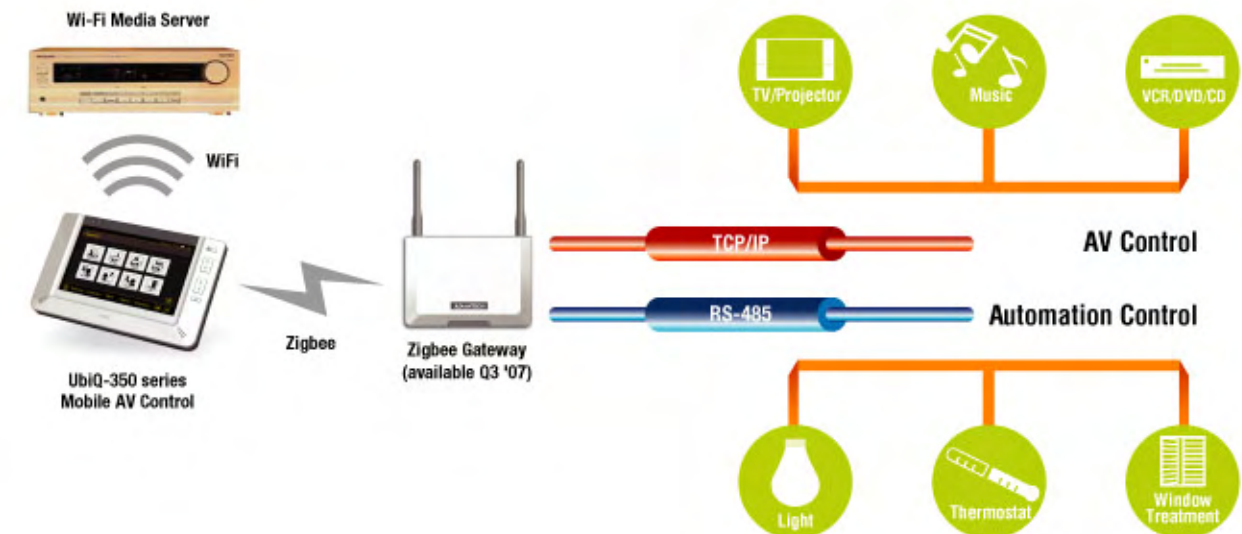
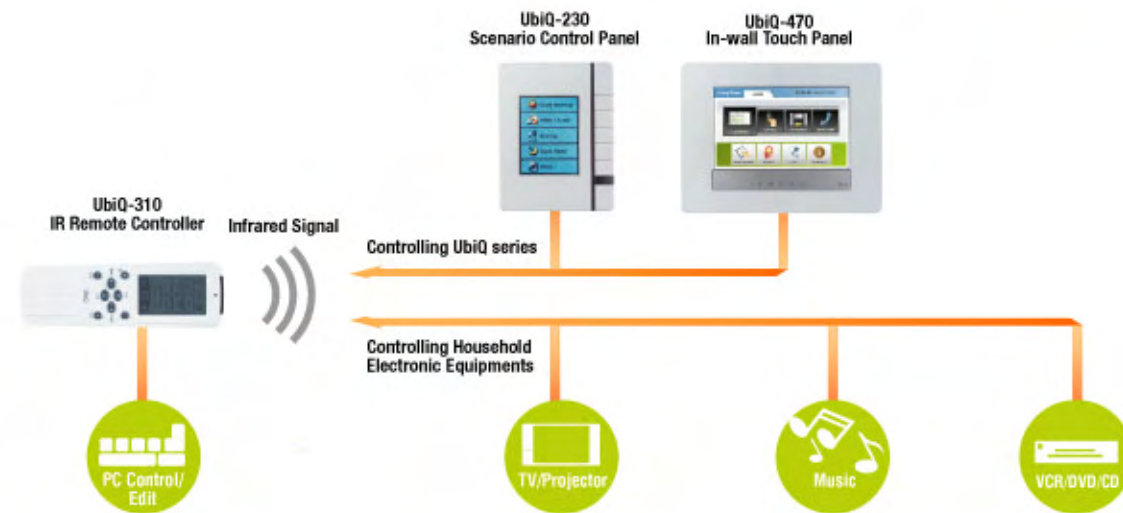
UbiQ-350 integrates multiple wireless control interfaces, including Zigbee (through Zigbee gateway), and Wi-Fi; and it is also uPNP enabled for open control networking.

Simple Friendly Design

UbiQ-350 is equipped with a 7.0" 16:9 LCD with resistive touch screen. Powered by the Intel® PXA-270 processor, UbiQ-350 displays MPEG-4 video and user-friendly icons from the UI library.

Portable

UbiQ-350 just weights 800g; it can be easily hand carried by users to control A/V equipment while they are walking on-site. Optional wall-mount cradle and table top cradle are available for installation.



Ordering Information:

UbiQ-310-RCS0E IR controller with Mono-color touch display (cradle and PC sync cable included)

Ordering Information:

UbiQ-350-ZGCE0E UbiQ-350 w/ Zigbee, 2700G Accelerator, CE5.0

UbiQ-350-WCW0E UbiQ-350 Wall mount Cradle



UbiQ-470 In-wall Touch Panel

Slim, Stylish Wall-pad for Area Room Control

Features and Benefits

Stylish and Wall-mountable

Influenced by the aesthetic design of the UbiQ series, UbiQ-470 is stylish and sleek in its industrial design. For heat dissipation and easy installation, UbiQ-470 comes with a wall-box accessory for in-wall installation (regular panel PCs don't support such installation). The faceplate can be swapped for additional customization.

User friendly design

UbiQ-470 has a 5 status LED for eye-catching reminder functions, and can be controlled remotely via UbiQ-310 through Infrared signals.

Rich multimedia support

UbiQ-470 has built-in 7" 16:9 touch screen with 800 x 480 resolution, so it could be applied as digital photo frame. It can also playback MPEG4 video and supports Macromedia® flash and JVM as optional extras.



EH-7106 Residential Terminal

All-in-one Gateway for eHome Convergence

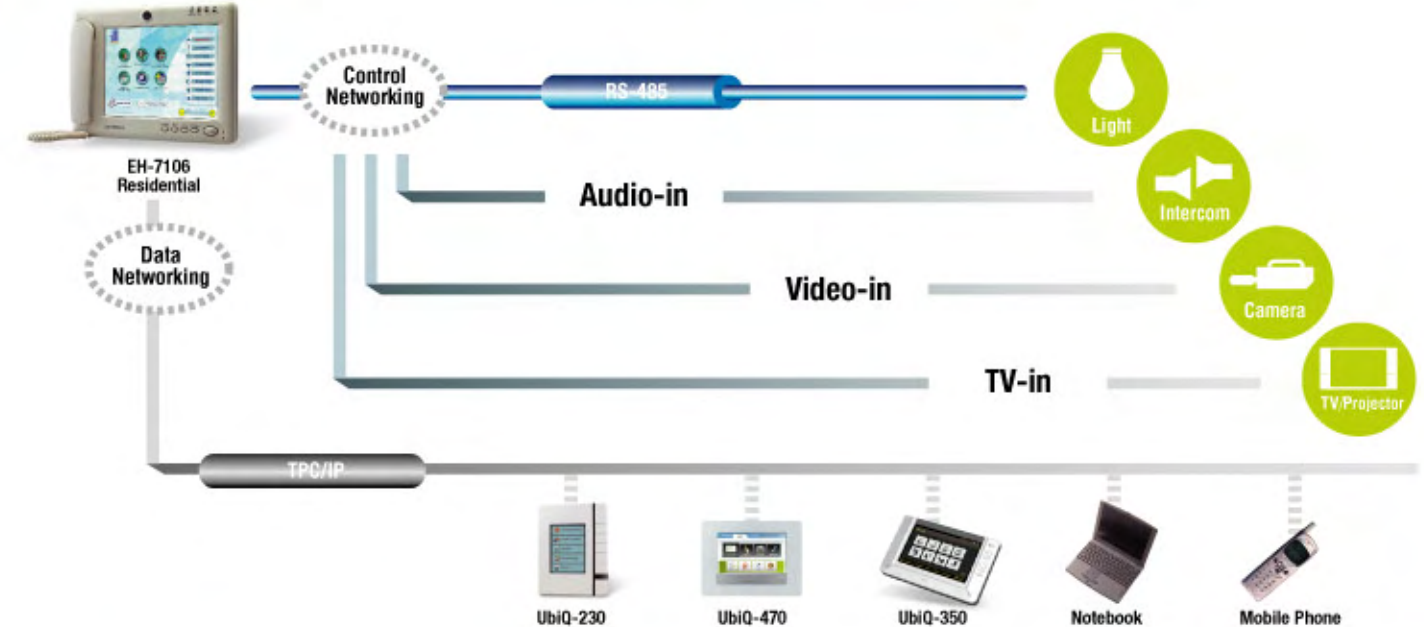
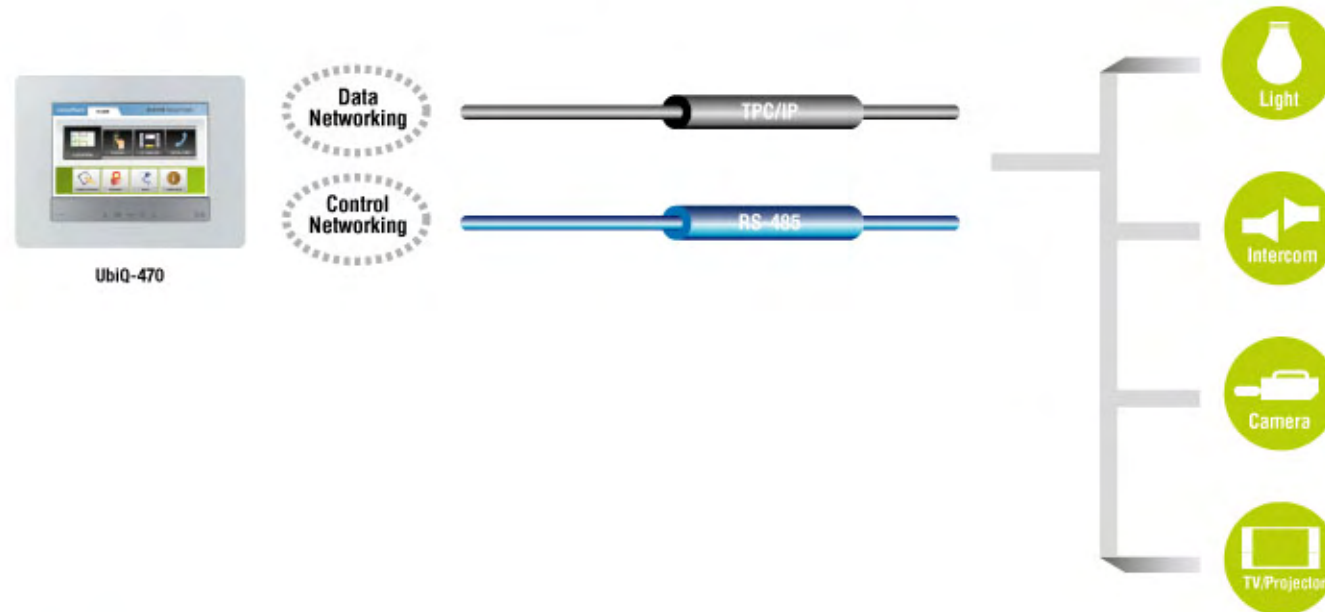
Features and Benefits

Home automation and control

Centralized control for automation over lighting, heating, ventilation and air conditioning (HVAC) devices via a 10.4" SVGA touch LCD, with 4 programmable hotkeys, and emergency button.

Security and surveillance

EH-7106G can monitor and detect fire and gas leaks via a built-in sensor and send out alert signals to the central control room via Ethernet. The built-in 300K CCD camera can be used to detect unauthorized entry for household security.



Ordering Information

UbiQ-470-GCE0E UbiQ-470 w/ 2700G Accelerator, CE5.0
UbiQ-470-Wallbox In-wall box for UbiQ-470 series

Ordering Information

EH-7106-XP0E 10.4" LCD, Celeron M 800MHz, 512MB SDRAM, 2GB CFC, XPE
EH-7106-wallbox In-wall box for EH-7106 series



EH-6150C Bedside Infotainment Terminal

New Bedside Care Experience

Features and Benefits

Hygienic eCare environment

EH-6105C series is positioned as a bedside information and entertainment terminal for patients and senior citizens in assisted living centers. The installation is cable-free via a mounting ARM for neat system integration.

User-friendly interface

EH-6105C series has a built-in emergency button for service on demand applications. The user accessible input/output interfaces can be used to connect with AV devices for entertainment.

Water resistant and fanless design

EH-6105C passes water resistant tests! It is equipped with fanless Celeron® M 800MHz CPU and XPe OS architecture for ample computing capability. Its 15" XGA LCD with touch screen is ideal for bedside usage.



SPC Series - Open-frame Facility Control Panel

Rugged HMI for Environmental Control

Features and Benefits

Rugged and ultra compact design

The front side of the SPC series is IP-65 compatible for water and dust resistance. Its robust design enable SPC series to be used for building automation, facility control and equipment automation applications. Its ultra compact design is ideal for space-saving installation.

Flexible configuration

The full line-up of SPC series includes 5.7", 6.4", and 10.4" screens for various applications. Customers can choose from alumni-based front panel type or open frame type.

Fanless and low power consumption

SPC series uses the Intel Xscale® PXA-270 CPU and Microsoft® WIN CE 5.0 OS architecture. The SPC series also supports Macromedia Flash Player and Java Virtual Machine (JVM) enabling highly graphical GUI to be developed.



Ordering Information

EH-6150C-08ME Celeron M 800MHz, 256MB SDRAM, 40G HDD, XPe

Ordering Information

SPC-58C-347CE1E 5.6" QVGA, C type, 128MB G4 Flash, CE5.0

SPC-65C-347CE1E 6.4" VGA, C type, 128MB G4 Flash, CE5.0

SPC-101C-347CE1E 10.4" SVGA, C type, 2700G, 128MB G4 Flash, CE5.0



Products Selection Guide



June '07

	Scenario Control	Mobile A/V Control	In-Wall Touch Panel
Specifications	UbiQ-230	UbiQ-310	UbiQ-350
CPU	ARM9 32-bit, 200 MHz	MicroProcessor	Intel Xscale PXA270 312 MHz (520 MHz as option)
LCD	3.5" QVGA	160 x 105 mono dot	7.0" 16:9 800 x 480
Touchscreen	N/A	Resistive	Resistive
Memory(SRAM/Flash)	64/128 MB	1 MB Flash memory	64/128 MB
VGA Accelerator	N/A	N/A	Intel 2700G
Power Management	N/A	Auto on/off	On/Idle/suspend/Off
Hard Disk	N/A	N/A	N/A
Expansion	N/A	N/A	1xSD (memory & SDIO)
Hot Keys	7 x Scenarios	64 Keys / 8 Pages	5 x volume/channel/start/mute
Status LED	N/A	N/A	3 x (batt./ docking/ wireless)
I/O Ports	1 x RS-232 console, 1 x RS-485, 1 x expansion bus (RS-232, SPI)	N/A	1x USB1.1
Audio	1 x 1 W SPK	Buzzer	1 x Mic; 1 x SPK (Hifi)
Expansion I/O	N/A	N/A	1 x USB host 1.1 (on cradle)
Network (LAN)	10/100-T	N/A	Wi-Fi thru SD
Zigbee RF	N/A	N/A	802.15.4 compliant (option)
IR	Device# Frequency Distance	IR receiver	10 M (30 feet), 30 degree
Power DC-in	10 - 28 V	N/A	12V DC-in (on cradle)
Front Bezel	Plastic	Plastic	Plastic
Battery	N/A	3 x AAA 1.5 V Alkaline or Ni-MH rechargeable (not included)	3S1P-3.7 V, 2100 mAh rechargeable (6-12 hr. operating)
Cradle	N/A	Bundled(Table Top)	Table top (included), Wall-mount (option)
OS	Win CE 5.0 core ver.	Win CE 5.0 core ver.	Win CE 5.0 Professional
Dimension (W x H x D)	105 x 135 x 26.5 mm	66 x 210 x 24 mm	230 x 149 x 30 mm
Weight	260 g	0.17 kg	0.8 kg
Certificates	UL/ FCC/ CE/ CCC	UL/FCC/CE	UL/FCC/CE



Residential Terminal	Facility Control(Open-frame)
EH-7106	EH-6150C
Intel® Celeron M 800 MHz	Intel® Celeron M 800 MHz
10.4" TFT, SVGA	15" TFT, XGA
Resistive	Resistive
256 MB/2GB CF	256 MB
Integrated	Integrated
N/A	N/A
20 GB (option)	40 GB
1xMiniPCI	N/A
4xprogrammable/ 1xEmergency	1xEmergency
5X	N/A
2 x USB, 1 x RS-485, 1 x RS-232, 4 x DI/DO, 1 x DC-in jack, 1 x Video-in, 1 x Audio port	2 x USB host (type A), 1 x USB host (type B), 1 x DC-in jack, line-in, line-out, Smart card reader slot
1 x 1W, SPK, Mic.	2 x 1W, SPK, Mic.
N/A	N/A
10/100-T	10/100-T
N/A	N/A
N/A	N/A
19 V	19 V
Plastic	Stainless steel
N/A	N/A
N/A	N/A
N/A	N/A
Windows XP Embedded	Win XP Embedded
315 x 240 x 60 mm	401 x 362 x 70.2 mm
2.5kg	5.2kg
UL/FCC/CE/CCC	UL/FCC/CE