

# UbiQ-230

## One-Touch Scenario Control Panel with 3.5" Color LCD

NEW



### Features

- Seven programmable scenario keys
- 3.5" color TFT LCD
- Built-in IR receiver
- Remote Manager tool for SI development
- Replaceable faceplate
- Dimmer package supported
- Ethernet & RS485 interface
- Modbus & UPNP supported



CE FCC

### Introduction

The UbiQ-230, a 3.5" scenario control panel with seven programmable hot keys for one-touch operation, is a new member of the Advantech control panel family that targets the Home/Building-Residential/Commercial Automation fields. It seamlessly integrates seven front-bezel keys for intuitive selection of home scenarios; one PROG key for system programming; and four DI/O, an RS-232, RS-422 & RS-485 ports for versatile protocol connections. Likewise, UbiQ-230 keeps the legacy of a control panel offering a simple interface with flexible and expandable control protocols such as RS-485, LonWorks®, DALI, and Modbus to provide versatile control capacities. The UbiQ-230 offers scheduled energy management of home lighting, HVAC, blind, dimmer and power devices to deliver the perfect way of creating a home comfort zone. Besides the UbiQ-230, dimmers and relays will be included in the Scenario control package, so system integrators can easily build Smart Home applications.

### Product Highlights

The UbiQ-230's smart and friendly scenario keys and vivid color panel puts personal comfort zones within easy reach:

1. Seven programmable scenario keys for unlimited scenario setting
2. Home scenario modes make customized lighting, HVAC, blind, audio and video device preferences available with one touch.
3. Scenario manager tool for system integrators to further customize home scenario configuration thru PC.

### Specifications

#### Motherboard

- **Kernel** 32-bit ARM9 Low Voltage 200 MHz  
SDRAM: 64 MB  
Flash: 128 MB

#### Audio

- 2 W speaker
- Line-out

#### Control Protocol Options

- **Default** RS-485
- **SSP is reserved for other protocols**

#### Display

- **DataImage 3.5" TFT LCD with 240 x 320 resolution**
- **LCD Power Control** 3.3 V VDD, 5 V VBK Control & Bus

#### I/O Ports

- **Ethernet** 10/100Base-T
- **Serial ports** 1 x RS-485, 1 x SSP
- **Consumer IR receiver for remote control, up to 10 meter**
- **Fully compatible with UbiQ-310**
- **7 programmable function keys as scenario buttons**

#### Power Supply

- **DC-in** 10 ~ 28 V wide range DC input

#### Software

- **OS** Win® CE 5.0 (Core Version)
- **Utility** Advantech Scenario manager for configuration by SIs

#### Mechanical Specifications

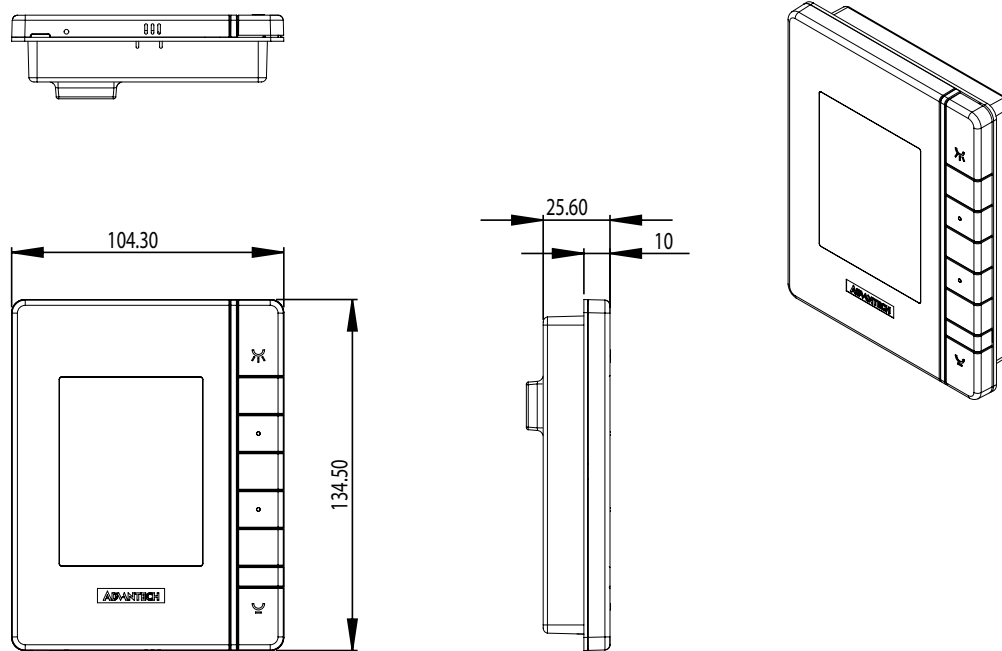
- **Wall box for Installer**
- **Plastics Enclosure**
- **Dimension** 9.1 x 12.1 x 1.0 cm (W x H x D)
- **Weight** 260 g
- **Reserved** 1 x RS-485 Phoenix type connectors

#### Environment Specifications

- **Operating Temperature** 0 ~ 50° C
- **Relative humidity** 10 ~ 95% @ 40° C (non-condensing)
- **Safety** UL, CUL, CE
- **EMS** CE Class B
- **EMI** FCC, CE Class B

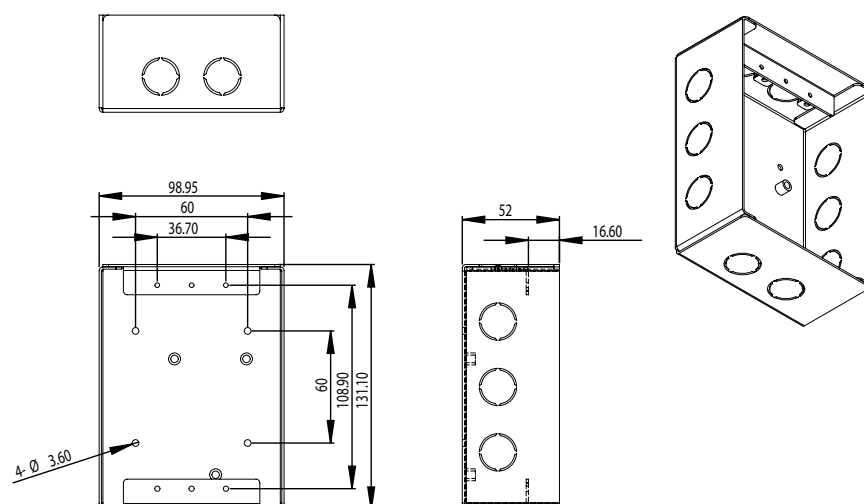
## System Dimensions

Unit: mm



## Wallbox Dimensions

Unit: mm



## Ordering Information

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

## Packing List

Description	Quantity
CD Utility	1
Cable	1
Mounting frame	1
Screws	1
Deco plate	1