UbiQ-231

One-Touch Scenario Control Panel with 4.3" Color LCD



Features

- 4.3" TFT LCD with touchscreen
- RISC base platform with fanless design
- Ideal for access and scenario control
- High performance with TI ARM Cortex-A8 OMAP-3503
- Flat touch panel design
- Supports horizontal or vertical display
- Built-in speaker, IR receiver
- Ethernet x 1, RS-485 x 1, USB x 2
- Microsoft Windows® CE 6.0
- Advantech SUSI API manager is supported for easy SI development
- Various faceplates by project
- PoE Power (Power over Ethernet) / Zigbee (802.15.4) by project

Introduction

UbiQ-231 comes with a 4.3" flat touch panel design scenario control panel. The 4.3" true color TFT LCD allows the interaction with UbiQ-231 to be more natural and colorful. UbiQ-231 features a powerful, built-in TI ARM Cortex-A8 OMAP-3503 CPU, Microsoft Windows® CE 6.0, an IR receiver, and RS-485, LAN and USB ports for versatile connectivity and more optional functions. The IR receiver and Zigbee give the UbiQ-231 more remote control capability. Furthermore, its elegant appearance with slim faceplate extends only 10 mm from the wall, making UbiQ-231 more suitable for home environments.

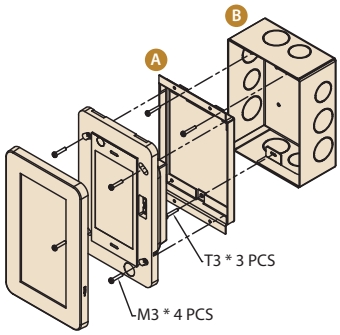
Specifications

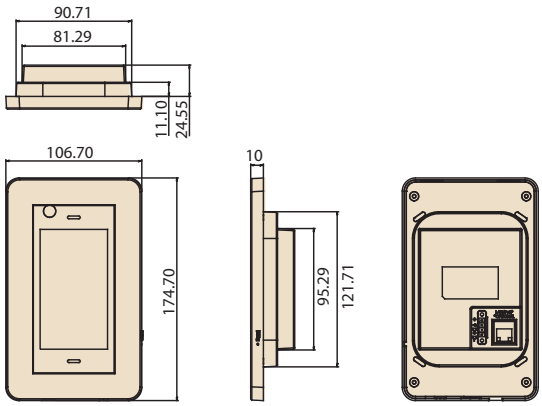
Model Name	UbiQ-231	
Processor	TI OMAP 3503 600 MHz	
Memory	Module Type Size	Mobile DDR 256 MB
OS Support	Windows CE 6.0	
Display	Size/Type	4.3" TFT color LCD
	Max. Resolution	480 x 272
	Brightness (cd/m^2)	500 cd/m^2
	Viewing Angle	130/105
	Brightness Control	PWM
VGA	Chipset	CPU built-in
Storage / Type	iNAND 2GB flash on board, SD Slot (optional, up to 32GB)	
I/O Port	Rear I/O	RS-485 x 1
	Front I/O	USB 2.0 Host x 1 / Client x 1 (Below Cover)
Mechanical	Mounting type	In-Wall / Wall Mounting
	Dimension	106.7 x 174.7 x 34.6 mm (W x H x D)
Camera	-	
Hot Key	Touch Button x 2	
LED	Red / Green	
RF wireless	IR receiver x 1	
Network (LAN)	10/100 Base-T Ethernet (RJ-45) x 1	
Audio	Chipset	-
	Speaker/ Mic	Speaker x 1 output
Power	Output Rating	10 ~ 24 V_{DC}, 2 A
	Input Voltage	100 ~ 240 V_{AC}
	Battery	-
Touchscreen	Technology	Resistive (controller)
	Touch Life Cycle	10 million touches
Temperature	Operating	0 ~ 40° C
	Storage	-20° C ~ 60° C
Certifications	CE/FCC Class B, CCC, BSMI, UL	

All product specifications are subject to change without notice

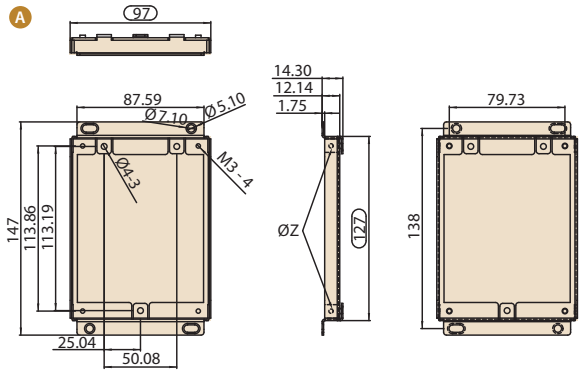
System Dimensions

Unit: mm

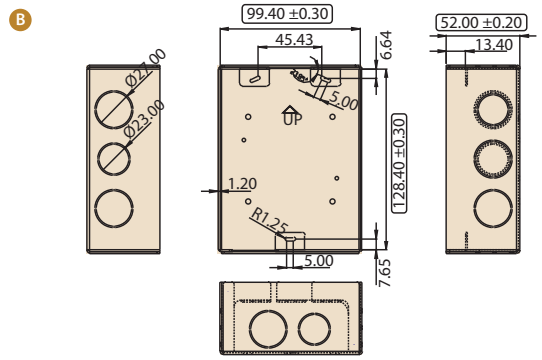




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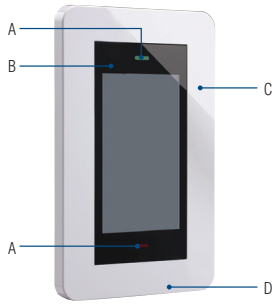


UbiQ-231 Bracket



UbiQ-231 Wall-Box

I/O Placement



A. Function Key
B. IR receiver
C. USB x 2
D. Speaker



E. Reset Key
F. RS-485
G. LAN Ports / PoE x 1 (Optional)

Optional List

Description	Quantity
Bracket	1
Wall-Box	1
Adapter	1
PoE Module (By Project)	1
ZigBee Module (By Project)	1

Ordering Information

Part Number	Description
UbiQ-231-ENW0LE	English OS, White
UbiQ-231-ENWCLE	English OS with Adapter, Bracket and IR
UbiQ-231-BRACKETE	Bracket for UbiQ-231
UbiQ-231-WALLBOXE	Wall-Box for UbiQ-231

Packing List

Description	Quantity
UbiQ-231 Unit	1
WinCE License Sticker	1
Phoenix Connector	1
Screw	8