

# UbiQ-480

Residential Terminal

NEW



## Features

- High performance platform with Freescale i.MX31
- 1.3M Pixels CMOS Camera
- Built-in Handset, Microphone and Speaker
- 7" TFT LCD with Touchscreen
- Six programmable function keys
- 2 Lan ports
- Supports RS-485/RS-232, USB2.0, DI/DO
- PoE Power (Power over Ethernet, optional)
- Various Faceplate (by Request)
- Support VESA Standard
- Microsoft Windows® CE 5.0
- WiFi 802.11 b/g (optional)
- Advantech SUSI API manager is supported for easy SI development
- Intercom compatible
- Built-in echo canceller
- Built-in IR receiver



## Introduction

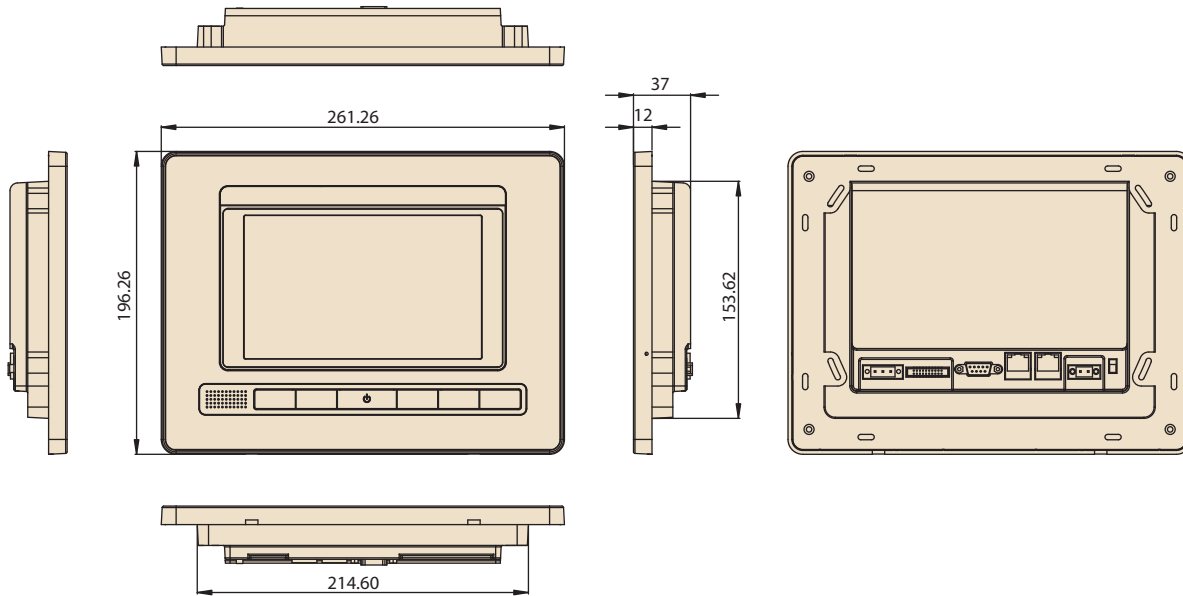
The UbiQ-480 is a smart wall-mount touch terminal for eHome/Building. Multimedia and entertainment are main features of UbiQ-480 because of built-in powerful Freescale i.MX31 CPU and Microsoft Windows® CE 5.0. Touch screen and 7" 16 : 9 true color TFT LCD let the interaction between life and UbiQ-480 become more natural and colorful. The UbiQ-480 can easily communicate with intercom devices by built-in speaker, microphone, line-in and line-out connectors. Meanwhile, two Lan ports design can make the internet security control be easier to manage. IR receiver and WiFi function make the UbiQ-480 has more remote control capability. Furthermore, the elegant outlook with slim faceplate which protrudes only 8.0 mm from the wall make the UbiQ-480 be more suitable for home environment. Peripheral interface become easy because of rich I/O interface such as LAN, RS-232, RS-485, USB and DI/O.

## Specification

Hardware	CPU	Freescale i.MX31 523 MHz
	System Memory	256 MB SDRAM
	Data Memory	NAND 256 MB flash on board, SD Slot (optional, up to 2 GB)
	Rear I/O	RS-232 x 1; RS-485 x 1, Video-in connector x 1; USB2.0 x 1; Line-in/out x 1; 1 x 4 TTL level DI, 4 TTL level DO
	Front I/O	USB2.0 x 1
	Hot Keys	6 x programmable function keys
	Built-in Camera	1.3M Pixels CMOS camera
	LED Indicator	6 x LED indicators
	Audio	built-in MIC & speaker
	RF wireless	IR receiver x 1
Network (LAN)	10/100 Base-T Ethernet (RJ-45) x 2	
Software	Operating System	Windows CE 5.0
Mechanical	Mounting type	Wall Mounting/VESA Standard
	Customization	Faceplate
	Dimension (W x H x D)	261.26 x 196.26 x 37 mm
Display	LCD	7" color TFT-LCD
	Resolution	800 x 480
	Touch Panel Set	Resistive (+ controller)
	Pixel Pitch	0.1905 x 0.1905
	Contrast Ratio	500/1
	Luminance (cd/m <sup>2</sup> )	400 nits
	Viewing Angel	160/160
Power	Power Consumption	10 ~ 24 V and Isolated PoE Power, external power should be no less than 8W
Environment	Noise	Zero-noise
	Fan	Fan-less
	Operation Temperature	0 ~ 40° C
	Certification	CE/FCC Class B, CCC, BSMI, UL
Optional	Wall-Box	in-Wall
	WiFi	802.11 b/g
	Faceplate	White
		Silver (metal)
		Black (metal)
	PoE	PoE Module

## Dimensions

Unit: mm



## Applications

- Home Automation
- Hotel Automation
- Advertising Distribution Center

## Packing List

Description	Quantity
CD Utility	1
User Manual	1

## Ordering Information

Part Number	Description
UbiQ-480-ENWOLE	UbiQ-480, English OS, White
UbiQ-480-ENSOLE	UbiQ-480, English OS, Silver
UbiQ-480-ENBOLE	UbiQ-480, English OS, Black
UbiQ-480-ENWALE	UbiQ-480, English OS, White, Adapter
UbiQ-480-ENWAVE	UbiQ-480, English OS, White, WiFi, Adapter
UbiQ-480-ENWCWE	UbiQ-480, English OS, White, WiFi, Adapter, PoE
UbiQ-480-BRACKETE	Bracket for UbiQ-480
UbiQ-480-WALLBOXE	Wall-Box for UbiQ-480

## Option List

Description	Quantity
WiFi Module	1
Extra Memory (SD, up to 2G)	1
Wall-Box	1
PoE Module	1
Adapter	1
Bracket	1

## I/O Placement

