

UbiQ-480K

7" Residential Terminal



Features

- 7" TFT LCD with touchscreen
- RISC base platform with Fan-less Design
- Ideal for Access & Scenario Control
- High performance platform with FreeScale i.MX31
- Built-in microphone, speaker, echo canceller, IR receiver
- Intercom compatible
- Supports VESA standards
- Microsoft Windows® CE 5.0
- Advantech SUSI API manager is supported for easy SI development
- Various faceplates (by request)
- PoE Power(Power over Ethernet)/WiFi 802.11 b/g (Optional)

Introduction

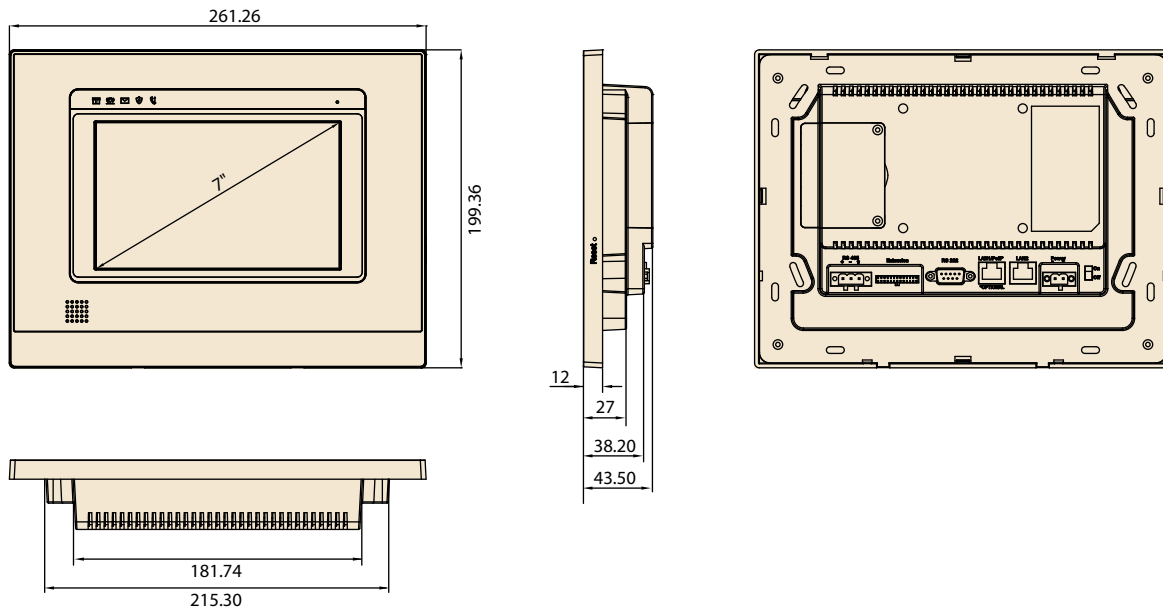
UbiQ-480K is a RISC-based multi-function touch terminal with a 7" TFT screen. The sophisticated system design doesn't need any fans. It is designed with the system integrator in mind, combining more applications together: energy reservation, varied scenario control, environmental temperature control, advertisement signage display, and home automation. With one touch, you can integrate and control your own applications from anywhere. The Win CE operating system delivers all the features of an embedded system. It supports Advantech's UbiQ Package Application Development Suite which assists system integrators in minimizing time-to-market application development.

Specifications

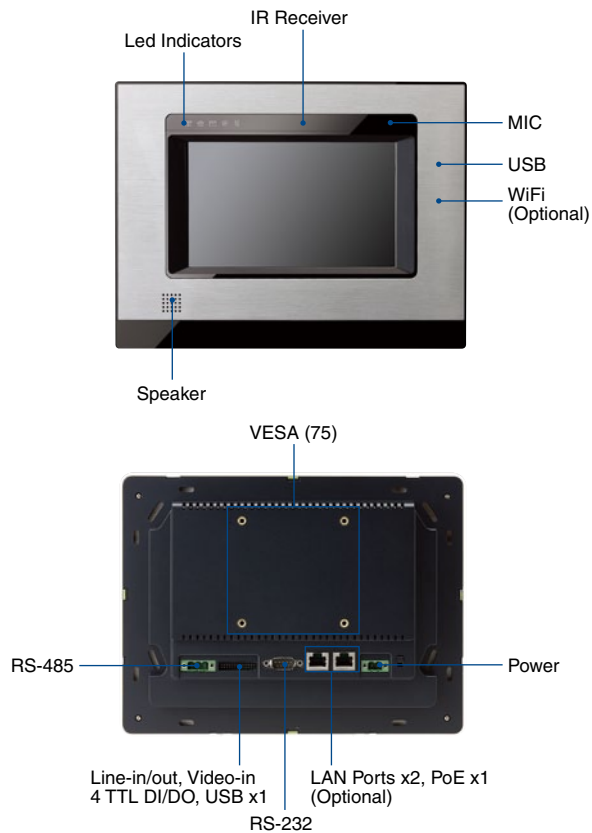
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|----------------|---------------------------------|--|
| Processor | | Freescale i.MX31 523 MHz |
| Memory | Module Type Size | Mobile DDR 256 MB |
| OS Support | | Windows CE 5.0 |
| Display | Size/Type | 7" TFT color LCD |
| | Max. Resolution | 800 x 480 |
| | Brightness (cd/m ²) | 320 cd/m ² |
| | Viewing Angle | 160/160 |
| | Brightness Control | PWM |
| VGA | Chipset | CPU built-in |
| Storage / Type | | NAND 256 MB flash on board, SD Slot (optional, up to 2 GB) |
| I/O Ports | Rear I/O | RS-232 x1, RS-485 x1, Video-in connector x1, USB 2.0, Line-in/out x1, 1 x 4 TTL level DI, 4 TTL level DO |
| | Front I/O | N/A |
| Mechanical | Mounting Type | Wall Mounting / VESA 75 Standard |
| | Dimensions | 261.26 x 199.36 x 43.5 mm (W x H x D) |
| Camera | | - |
| Hot Key | | - |
| LED | | 6 |
| RF wireless | | IR receiver x 1 |
| Network (LAN) | | 10/100 Base-T Ethernet (RJ-45) x 2 |
| Audio | Chipset | WOLFSON_WM8750 |
| | SPK / MIC | Speaker x1 output / Microphone x1 input |
| Power | Output Rating | 12 ~ 24 V _{DC} , 2 A |
| | Input Voltage | 100 ~ 240 V _{AC} |
| | Battery | - |
| Touchscreen | Technology | Resistive (controller) |
| | Touch Life Cycle | 10 million touches |
| Temperature | Operation | 0 ~ 40° C |
| | Storage | -20 ~ 60° C |
| Certifications | | CE/FCC Class B, CCC, BSMI, UL |

Dimensions

Unit: mm



I/O Placement



Ordering Information

| Part Number | Description |
|-----------------|-----------------------------|
| UbiQ-480-ENSRL | English OS, Silver |
| UbiQ-480-ENSKLE | English OS, Silver, W/T PoE |

*OS supports English, Simplified & Traditional Chinese.

Optional List

| Description | Quantity |
|-------------|----------|
| WiFi Module | 1 |
| PoE | 1 |
| Bracket | 1 |
| Wall-Box | 1 |

Packing List

| Description | Quantity |
|---------------------|----------|
| UbiQ-480K Unit | 1 |
| User Note & License | 1 |
| Connector | 2 |