**Overview**

Lotus QuAd 3.5 is a compact 3.5” TFT display Handheld computer with Qualcomm processor and Android OS. It comes with SDK that helps in the rapid deployment of custom applications. The terminal can be equipped with integrated wireless features such as GSM, GPRS, WLAN and 3G/4G. It can be customized with various features such as fingerprint sensor, contact/contactless card reader, camera, RFID and 1D/2D Barcode scanner. This rugged device can be deployed virtually for many applications in the field and its long battery life enhances usability.

**Features**

* Compact, Low cost, Rugged & IP 65 compliant
* High speed Qualcomm Quad Core Processor @1.1GHz
* Android Operating System
* 3.5” QVGA TFT Display with Touch Panel
* Integrated GSM/GPRS/3G/4G/WLAN
* Inbuilt GPS/GLONASS
* Custom features – Camera, RFID, 1D/2D Barcode, FPS

**Application Areas**

* Utility Billing
* PoS Courier Delivery
* Meter Data Collection

**Technical Specifications**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Processor | CPU | Qualcomm Quad Core |
| Speed | 1.1 GHz |
| C:\Users\Aamani\Downloads\2-OperatingSystem.png | Operating System | OS | Android |
| C:\Users\Aamani\Downloads\3-Memory.png | Memory | RAM | 1 GB LPDDR3 |
| Flash | 8 GB |
|  |  | Expandable | SD card up to 32 GB |
| C:\Users\Aamani\Downloads\4-CommunicationPort.png | Communication Ports | USB | USB 2.0 OTG |
| Other | 10/100 Ethernet or RS232 |
| C:\Users\Aamani\Downloads\5-Wireless.png | Wireless Connectivity | WLAN | 2.4G, IEEE 802.11 b/g/n |
| Connectivity | GSM/GPRS/3G/4G |
| Bluetooth | V4.1 BR/EDR + BLE |
| C:\Users\Aamani\Downloads\6-Power.png | Power | Battery | Rechargeable Li-Ion 5200mAh |
| External Adapter | 5V/2A USB Charging/Adapter |
| C:\Users\Aamani\Downloads\7-DisplayKeypad.png | Display & Keypad | Display type & size | 3.5” QVGA TFT w/Touch Panel |
| Keypad | 30 keys (multi-functional) |
| C:\Users\Aamani\Downloads\8-Optional.png | Optional Peripherals | Camera | 8MP Auto Focus |
| Identification | STQC certified FPS |
| Other | 1D/2D Barcode scanner, contact/contactless card reader |
| C:\Users\Aamani\Downloads\9-Dimensions.png | Dimensions | H x W x D in mm | 185 x 95 x 43 |
| C:\Users\Aamani\Downloads\10-Operating.png | Operating Conditions | Operating Temperature | 0°C - 50°C |
| Relative Humidity | 5-95% (Non-condensing) |