

STM 8800

Slim and sturdy Handheld with many expansions



This slim and sturdy Rugged PDA has all expansion possibilities of a modern data collection, such as Bluetooth, GPS, RFID, WLAN, GSM / EDGE, etc. that you can freely assemble on your personal requirements. The unit owns IP54 protection class, making it dust-and splash-proof. Above all, its attractive exterior and its many options, recommend it as a perfect companion for both the commercial indoor and outdoor use and in the hard industrial. For convenient and fast operation are both entering by touch screen and keyboard possible.

Application Areas:

- Mobile Data Capture
- Technical Support
- Inventory
- Catering
- Logistics

Compact Industrial PDA

STM-8800



Characteristics

| | |
|--------------|---|
| CPU | Samsung, 800MHz processor |
| OS | Microsoft Windows Mobile 6.5 |
| Memory | System: 256MB Mobile DDR SDRAM Storage: 1GB Nand Flash ROM |
| Dimensions | 160.5mm L x 77.4mm W x 26.9mm D |
| Weight | 300g, including Battery |
| Display | TFT 3.5" QVGA with Backlight & Touch panel 240 x RGB x 320, 260K Colors |
| Backlight | LED backlight |
| Main Battery | Rechargeable Lithium Polymer 3.7V, 2300mAh |
| RTC Battery | Rechargeable Lithium Ion 3V, 5.5mAh (not user-accessible) |
| DC input | DC 5V, 110/220V AC Adaptor |
| Expansion | SD slot (SDHC, maximum 16 GB) USB mini B type: OTG Client 2.0 (HS 480Mbps, FS 12Mbps, LS 1.5Mbps) |
| Notification | LED and Backlight Key |
| Keypad | 24-key Numeric; Numeric key & functional key |
| Audio | Speaker, receiver, microphone, headset jack |
| Interface | Serial, USB 2.0 |

Docking Cradle

| | |
|--------|---|
| Cradle | 2 LEDs (power, charging) Extra battery charging slot, 5V DC Jack USB Host 2.0 (type A), USB Client 2.0 (mini B) |
|--------|---|

Data Capture Specification

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|-------------|--|
| Options | 1D laser scanner |
| (5 Config.) | 1D laser scanner and Camera 2D imager 2D imager and Camera RFID |

Wireless Communication (Option)

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|-----------|---|
| Mobile | 3G/GSM: 850/900/1800/1900/2100MHz UMTS/HSDPA: downlink 7.2Mbps, uplink 2Mbps GPRS: downlink 85.6Kbps, uplink 42.8Kbps EDGE: downlink 236.8Kbps, uplink 118Kbps |
| WLAN | Frequency: 2.4GHz~2.4835GHz Spectrum: IEEE 802.11b/g, 11M/54Mbps Internal patch antenna |
| Bluetooth | Class II, V2.0+EDR Frequency: 2.4GHz~2.4835GHz Profile: SPP, A2DP, HFP Sound echo exclusion & noise exclusion |

Optional Features

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|--------|---|
| S-GPS | Built-in SiRF Star III high sensitivity chipset Internal patch antenna NMEA-0183 protocol, Baud rate 9600 Receiver: L1 frequency, C/A code, 20 channels TTFF: cold 60sec, warm 40sec, hot 3sec SBAS(Satellite Based Augmentation System) |
| Camera | CMOS 2 megapixels with LED flash |
| RFID | 13.56MHz frequency Mifare, ISO14443A/B, ISO15693 |

Environment

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|-----------------|---|
| Operating Temp. | -20° C to 50° C / -4° F to 122° F |
| Storage Temp. | -40° C to 70° C / -40° F to 158° F (w/o battery) |
| Humidity | 95% non-condensing |
| Drop | 1.2m drop to concrete (2 drops per 1 angle, 3 edges and 6 sides) |
| Sealing | IP54 |
| ESD | ±15kV air discharge, ±12kV direct discharge |