

M3 Sky Rugged Handheld

Slim, Rugged and Dynamic PDA

Dynamic & Versatile M3 SKY

M3 SKY provides all the functions the customer requires for daily mobile operations.

- 1D/2D scanners
- High-resolution colour camera with flash and auto-focus.
- 2G (GPRS/EDGE) and 3G (HSDPA) network for high-speed and reliable voice & data communications
- Highly secured Wi-Fi (802.11 b/g) synchronization including cost-effective VoIP.
- Bluetooth connectivity linking with wide range of peripherals (mobile printer, headset, etc).
- Sirf III GPS supporting diverse location based application
- 13.56MHz RFID reader for all prevailing standard tags



Amazingly, all the functions are built in the small form factor in one unit. Each function is optional and the customer can make their own tailored configurations based on applied field and cost.

Rugged M3 SKY

There is always an environmental challenge for the customers whose target is to make maximum productivity in the field. Rugged features of the M3 SKY exceed these kinds of challenges in extreme temperature, heavy rain and withstand multiple drops in use. The IP65 rated and 1.5m drop certified M3 SKY is suited for both industrial as well as the military application categories.

- IP 65 rating
- Resistant to multiple 1.5m drops to concrete surface
- Operating temperature of -20°C to +60°C

Ergonomics & Compactness

Slim M3 SKY comes into the face of your palm with portable grip. Having the light weight of only 280 grams, M3 SKY is free-of-fatigue for long-time heavy duties and user friendly and easy-to-use ergonomic keypad.

Powerful Performance

- Windows Mobile 5.0/6.1 phone edition compatible with wide range of applications
- 3.5 inch TFT LCD delivering extensive visibility.
- Powerful Intel X-scale PXA 270 520MHz (max.624MHz)
- 128MB RAM and 128MB Flash storage (expandable up to 256MB)
- NEW SUMMIT WLAN IEEE 802.11 b/g
- NEW QWERTY Keypad (Optional)

Key Features

- Windows Mobile 5.0/6.1
- 3G+ HSDPA
- RFID 13.56MHz
- Built-in GPS
- 2.0M Pixel Colour Camera (Auto Focus)
- Rugged (IP65/1.5M Drop)
- Barcode Scanner (1D or 2D)



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

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M3 Sky Slim, Rugged and Dynamic Handheld PDA



FUNCTIONAL

Processor	Intel Xscale PXA-270 520 MHz (max. 624 MHz)
Memory	128MB RAM
Storage	128MB Flash ROM (max. 256MB)
Expansion	Mini SD Slot
Display	3.5" 240 x 320 TFT LCD (260k colour) Touchscreen, LED backlight, 140cd/m ² , 45g
Keyboard	Keypad 3x4 dial, 4 direction, 7 function (5 front, 4 side), 1 power
I/O Ports	USB1.1 USB Client, External RS-232 Serial Port, Microphone, Speaker, Stereo Ear-mic jack
Audio	Microphone, Speaker, Stereo Ear-Mic jack, Software support for full duplex record and playback (stereo)
Integrated Communications Options	WWAN RADIO Radio GSM/GPRS/EDGE/HSDPA Frequency Band 850/900/1800/1900/2100MHz WLAN RADIO Radio IEEE 802.11 b/g WPAN RADIO Bluetooth V1.2 Class II RFID embedded 13.56MHz, ISO14443, ISO15693 IrDA V1.2 Integrate Transceiver, 9.6-115.2kbit/s GPS-enabled GPS Sirf III module & 15x15 Active antenna Scanner 1D or 2D imager (MC-7700S) Colour Camera 2.0MP, Flash, Auto Focus Windows Mobile® 5.0/6.1 Phone Edition

Operating System

ENVIRONMENTAL (IP65)

Temperature	Operating: -20°C to +60°C (-4°F to +140°F)
Humidity	25% RH to 85% RH
Rain/Dust	IP65, MIL-STD-810F Dust - (Protected against dust - limited ingress), Water - (Protected against sprays from all directions - limited ingress) Multiple drops from 5 ft. (1.5 m) onto concrete
Drop	+/- 12kV air discharge, +/- direct discharge
ESD	

PHYSICAL

Dimensions	16.35 cm (L) x 7.86 cm (W) x 2.49 cm (H)
Weight	320g with battery

ELECTRICAL

Power	Rechargeable 2200mAh Li-Ion battery
Adapter	AC: Input 100V AC to 250V AC, Output 5.2V DC/3A DC: Input 9V DC to 30V DC, Output 5.2V/2A

OPTIONS

Standard Accessories	Stylus Pen
Optional Accessories	1 Slot Desktop cradle, 4 Slots Ethernet Cradle, 4 Slots Cradle, Pistol Grip

Information in this document is subject to change without notice.



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