

SMARTPEAK



Industrial collector SMARTPEAK P800SP
Android



Category:	UMPC - Ruggedized
Manufacturer:	SMARTPEAK
Operating System:	Android 4.4
Display:	4.0 ", capacitive, multi touch, WVGA (480x800), IPS
Brightness:	350nits
Processor:	Qualcomm MSM8212 quad-core 1.2GHz
Memory:	512MB
Hard Drive:	4GB
Touch screen:	Tak
Durability:	-----
Drop:	1.0 meter
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -20°C -- +60°C Storage temperature: -40°C -- +80°C

Humidity:	10 to 90%(no condensation)
1D barcode scanner (reader):	-----
2D barcode scanner (reader):	-----
RFID scanner (reader):	NFC (13.56Mhz) ISO14443 A/B
Other:	Factory accessories: - charger - hand strap Sensors: - gravity sensor
Battery:	3.7V; 5700mAh Li-Ion
Working time on battery:	8h
Fast battery replacement ability:	Yes
HotSwap battery:	No
LAN:	No
WLAN:	802.11a b/g/n internal antenna
Bluetooth:	Bluetooth 4.0 + EDR
WAN:	WCDMA/GSM
GPS:	Built-in GPS + A-GPS
Camera:	Front - 0.3 Mpx, Rear - 5 Mpx
In/Out:	micro USB (support OTG), AudioJack, Mirco SD card slot (max.32GB)
Optional accessories:	High-speed Thermal printer
Docking station connector:	No
VESA standard – holders and mounts support:	-----
COM port:	-----
Magnetic card reader (MSR):	Yes - Triple track MSR, bi-directional swiping, ISO7811,7812
Microchip card reader:	Yes - 1 Slot, Support 1.8V/3V/5V, ISO7816, PBOC and EMV 13.56MHz, ISO/IEC 14443 Type A/B, qPBOC 1 SAM Solt, ISO7816
Contrast:	-----
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	high quality plastic

Flash Card Reader:	microSD (max. 32GB)
CD/DVD:	-----
Audio:	AudioJack : Built-in Speaker : Microphone
Keyboard:	Numeric (+function keys) + On-Screen
Additional Navigation Devices :	-----
Color:	black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	-----
Sand and dust:	-----
Size:	205mm x 82mm/67mm x 33mm -530g
Fanless casing:	Yes

Product from the Archive - production finished



The advertisement features a black Smartpeak P800 SP smartphone on the left, showing its front-facing camera and a numeric keypad at the bottom. The screen displays the mobilator.pl website. To the right of the phone is the 'SMARTPEAK' logo in a stylized font. Below the logo, the model name 'P800 SP' is displayed in large, green, 3D-style letters. To the left of the phone, the 'mobilator.pl' logo is partially visible. To the right of the phone, several product specifications are listed with corresponding icons:

- Quad Core** (Icon: a white box with 'Quad Core' text)
- QUALCOMM MSM8212 QUAD-CORE 1.2GHZ**
- 4"** (Icon: a blue rounded square with '4"')
- 4.0" / IPS / 480*800 MULTI-TOUCH / CAPCITIVE**
- 3G** (Icon: a red '3G' text)
- WCDMA / GSM**
- GPS / A-GPS** (Icon: a blue GPS receiver icon)
- BATTERY: 5700MAH 3.7V** (Icon: a green battery icon)

Smartpeak P800 SP has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.



mobilator.pl

Processor	Qualcomm MSM8212 quad-core 1.2GHz
Display	4.0" (800x480) WVGA IPS capacitive multi-touch
RAM	512MB
ROM	4GB
Connectors	MicroSD : Micro USB
GPS	GPS A-GPS
Audio	AudioJack : Speaker : Microphone
Camera	Front - 0.3 Mpx, Rear - 5 Mpx
Battery	5700 mAh Li-Ion 3.7V
Keyboard	On-Screen + numeric (function keys)
Environment	Android 4.4
Modules (factory)	GSM (GPRS/EDGE) WCDMA (HSDPA) : WiFi : Bluetooth 4.0 : GPS+A-GPS
Dimensions	205mm x 82mm x 7mm x 33mm - 530g
Readers NFC	New Portable Devices NIP: 872-120-56-82 Mobile.: +48 508 235 505 e-mail: sklep@mobilator.pl Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078 NFC 13.56MHz ISO14443A
Sensors	Gravity sensor

Refer to the "Technical Data" overlap - what possibility have subsequent versions of the devices. To gain additional information about the product click on the "Ask about the product" or go to the [contact form](#).



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Built-in Thermal Printer

Portable thermal printers designed to work in the field, to print receipts and receipts, ensuring their fast printing. A small number of moving parts and a robust design ensure trouble-free operation even in the most difficult conditions. The use of thermal printing technology eliminates the need for expensive ink cartridges or ribbons. No matter how many pages are printed - in the printer runs out of ink unexpectedly.

Printing Speed	18 row/sec, Typical 60mm/sec, Low battery 30mm/sec
Paper Roll Width	58mm
Paper Roll diameter	30mm
Printing Width	48mm



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Magnetic Card Reader / IC

Card Readers Smartpeak are the products meet the safety criteria Highest during reading. Architecture on Which readers are created to efficiently protect your personal information encoded on the cards. High safety standards allow readers to use Virtually all types of applications. Read the safety data confirms compliance with the ISO 7816 standard for encryption. Urovo i9000 is equipped with a magnetic card reader (MSR) for reading and encoding cards in accordance with ISO 7811. The robust plastic housing, easy integration with existing systems, fast read and write magnetic heads that make it the perfect choice.

Magcard	Triple track MSR, bi-directional swiping, ISO7811,7812
SAM card	1 SAM Solt, ISO7816
IC Card	1 Slot, Support 1.8V/3V/5V, ISO7816, PBOC and EMV
Karta zblizeniowa IC	13.56MHz, ISO/IEC 14443 Type A/B, qPBOC



NFC

NFC, or near-field communication, is an easy and intuitive technology that allows you to use your mobile phone for special purposes. An NFC tag can share and link to information such as web pages, social media and all other sorts of other information generally. Other areas where NFC is starting to evolve into are making payments, opening doors secured with contactless locks, logging on to computers and many more. All of these actions have something in common, that is they invoke an action based on you placing your phone (or any other NFC device) near (the N in NFC) the thing you want to read or interact with.

NFC	NFC 13.56Mhz ISO14443 A / B
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Applicable standards

Operating	-20°C -- +60°C
Storage	-40°C -- +80°C
Humidity	10% - 90% RH non-condensing
Drop	Multiple drops to concrete 4.0ft./1.0m

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When device is equipped with the WCDMA module, you need only insert a SIM card in the special slot and you are able instantly connect to the internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Internal 3G module used in Smartpeak P800 SP adjusts automatically to transfer and network coverage. Built-in speaker and microphone allows you to make voice calls.

WiFi	802.11a b/g/n
GPS	GPS, supported A-GPS,
Bluetooth	Bluetooth 4.0 + EDR; Class II
GSM/3G	WCDMA 850/1900/2100MHz GSM:850/900/1800/1900MHz
	The ability to make voice calls

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You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, the problem disappears forever when you have P800 SP. The device weighs just 530g and its dimensions (205mm x 82mm/67mm x 33mm) allow you to take this device everywhere. Professional performance and energy efficiency makes, that P800 SP is in a group of devices which enjoy great popularity in the European market in the industrial segment.



Dimensions

205mm x 82mm/67mm x 33mm

Weight

530g

Quick change battery

Friendly design allows for fast replacement of the battery. This is useful when you working in the field with difficult conditions, where there is no additional power sources and the time is very important.



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[specification of this version is available in the "Technical data" ...](#)