



## MEDYCZNY / MEDICAL

**2D**



**4G** **NFC**



**Bluetooth**

Medical industrial Data Collector MobiPad  
MPS8W 2D v.1

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobilator
<b>Operating System:</b>	Android 9.0
<b>Brightness:</b>	-----
<b>Processor:</b>	Cortex-A53 Octa-Core 1.8GHz
<b>Memory:</b>	3GB
<b>Hard Drive:</b>	-----
<b>Flash Memory:</b>	16GB
<b>Touch screen:</b>	Yes
<b>Durability:</b>	IP67
<b>Drop:</b>	1.5 meters
<b>Shock:</b>	-----
<b>Vibration:</b>	-----
<b>Temperature:</b>	Operating temperature: -20°C -- +50°C Storage temperature: -20°C -- +60°C
<b>Humidity:</b>	5% - 95% (no condensation)

<b>1D barcode scanner (reader):</b>	-----
<b>2D barcode scanner (reader):</b>	<b>2D (CMOS) Honeywell N6603</b>
<b>RFID scanner (reader):</b>	-----
<b>Other:</b>	<b>Antibacterial shell</b>
<b>Battery:</b>	3.8V 4000mAh Li-Ion (Removable) <b>Built in 3.7V 60mAh Li-Ion backup battery - HotSwap</b>
<b>Working time on battery:</b>	>12 hours
<b>Fast battery replacement ability:</b>	Yes
<b>HotSwap battery:</b>	Yes
<b>LAN:</b>	No
<b>WLAN:</b>	802.11 a/b/g/n
<b>Bluetooth:</b>	Bluetooth 4.0
<b>WAN:</b>	4G/3G/GPRS/WCDMA/CDMA <b>GSM</b> 850/900/1800/1900 MHz <b>CDMA 1x</b> /EVDO : BC00, <b>WCDMA</b> : Band1,Band2,Band5,Band8, <b>TD-SCDMA</b> : Band34,Band39
<b>WAN:</b>	4G/3G/GPRS/WCDMA/CDMA <b>GSM</b> 850/900/1800/1900 MHz <b>CDMA 1x</b> /EVDO : BC00, <b>WCDMA</b> : Band1,Band2,Band5,Band8, <b>TD-SCDMA</b> : Band34,Band39
<b>GPS:</b>	Built-in
<b>Camera:</b>	Rear: 8Mpx (Auto Focus, Flash)
<b>In/Out:</b>	1 x microUSB 2.0, 1 x AudioJack , 1 x Micro SD(max.32GB), 1 x SIM
<b>Optional accessories:</b>	Pistol gripHand StrapHand BeltCapacitive StylusHolsterDocking StationFive Slot Battery ChargerFour Slot Battery ChargerSingle Slot Battery Charger
<b>Docking station connector:</b>	Yes
<b>VESA standard – holders and mounts support:</b>	-----
<b>COM port:</b>	-----
<b>Magnetic card reader (MSR):</b>	-----
<b>Microchip card reader:</b>	-----
<b>Contrast:</b>	-----
<b>Graphics card:</b>	-----

<b>Chipset:</b>	-----
<b>BIOS:</b>	-----
<b>Casing material:</b>	high quality plastic and rubber
<b>Flash Card Reader:</b>	microSD (max. 32GB)
<b>CD/DVD:</b>	-----
<b>Audio:</b>	AudioJack : Built-in Speaker : Microphone
<b>Keyboard:</b>	Numeric (+ function keys) : On-screen
<b>Additional Navigation Devices :</b>	-----
<b>Color:</b>	-----
<b>Swivel Hinge:</b>	-----
<b>VGA out:</b>	No
<b>TV Out:</b>	-----
<b>TV Tuner:</b>	-----
<b>Security:</b>	-----
<b>Waterproof:</b>	IP67
<b>Sand and dust:</b>	IP67
<b>Size:</b>	156 x 70 x 27mm- 270g
<b>Fanless casing:</b>	Yes

## Product from the Archive - production finished



## MEDICAL DATA COLLECTOR



**2D**



**4G** **NFC**



**Bluetooth**<sup>TM</sup>

**Medical Data Collector** MobiPad MPS8W has a specially designed, reinforced structure and **anibacterial shell** adapted to harsh and sterile environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP67 norm. Thanks to its structure is resistant to **dust and water**.



Processor	Cortex Octa-Core 1.8GHz
Display	4" (800x480) IPS   Capacitive
RAM	3GB
ROM	16GB
Connectors	microUSB   Micro SD   SIM
GPS	GPS
Audio	AudioJack   Speaker   Microphone
Camera	8Mpx
Battery	3.8V 4000mAh Li-Ion 3.7V, 60mAh Li-Ion (HotSwap - depends of version)
Keyboard	Numeric (+function keys) + On-Screen
Environment	Android 9.0
Modules(optional)	3G  4G   WiFi   Bluetooth   GPS   NFC
Dimensions	156mm*70mm*27mm
Resistance	IP67
Additional Features	Antibacterial shell
Readers(optional)	2D (CMOS)

## Application in medical field

In modern medical centers employee should have **comfortable and handy** data collectors to their daily work. Device should be durable and easy to use. Thanks case with IP67 rate its **resistant** also for dust and water. Special **antibacterial shell** effectively prevents growth of bacteria. Additional device's case might be **disinfected** in any time by using alcohol.

## Barcode Scanner

Barcode Reader allows you to read, decode and transfer stored data in barcode to your computer. Thanks to dynamic scanning method and the large range of reading, data collector is capable to carefully collecting data, which helps to increase the rate and efficiency of work. Simplified installation procedure, convenient and intuitive design allow to start scanner work very easy and quickly.



**2D CMOS**

## Near Field Communication (NFC)

It's a set of ideas and technology that enables smartphones and other devices to establish radio communication with each other by touching the devices together or bringing them into proximity to a distance of typically 5 cm or less.

# NFC



NFC	
Frequency	13.56 MHz
Reading distance	0 to 5 cm
Supported standards	ISO 14443
	ISO 15693
	ISO 18092

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## Applicable standards

Operating	-20°C -- +50°C
Storage	-40°C -- +60°C
Humidity	5% - 95% RH   non-condensing
Dust	IP6x (dust)
Water	IPx7 (water)
Drop	5ft./1.5m



## IP67 Resistance

IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or the IEC. The system is now being used to classify different degrees of protection against intrusion or immersion. The IP rating is usually followed by two digits. The first indicates the level of dust-resistance, the second water resistance. Dust-resistance levels goes from 0 up to 6 while water-resistance goes from 0 to 8.

The first digit [x] Protection against solid objects	Protection Level	The second digits [y] Protection against liquids
No special protection	0	0 No special protection
Protection from solid objects greater than 50mm in diameter	1	Protection from dripping water
Protection from objects not greater than 12mm in diameter	2	Protection from vertically dripping water tilted up (15°)





4G

GPS

Bluetooth

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**(or **4G**) module used in MobiPad MPS8W adjusts automatically to transfer and network coverage. Built-in speaker and microphone allows you to make voice calls.

<b>WiFi</b>	802.11 a/b/g/n
<b>GPS</b>	Yes
<b>Bluetooth</b>	Bluetooth 4.0
<b>WWAN</b>	GSM: Quad Band(850/900/1800/1900Mhz) TD-SCDMA:Band34,Band39 WCDMA:Band1,Band2,Band5,Band8 CDMA 1x /EVDO :BC0 TDD-LTE:Band38,Band39,Band40,Band41 FDD-LTE:Band1,Band3,Band7
	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 MobiPad MPS8W. The device weighs just 270g and its dimensions (156 x 70 x 27mm) allow you to take this device everywhere. Professional performance and energy efficiency makes, that MPS8W is in a group of devices which enjoy great popularity in the European market in the industrial segment.

Dimensions	156 x 70 x 27mm
Weight	270g

## 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" ...

product **does not have** any accessories in set...