



1D(Laser)



1234567895

Industrial Data Collector MobiPad H9 v.4.1



Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 4.4.2
Display:	4.3" TFT-LCD (480x800) Capacitive
Brightness:	-----
Processor:	Cortex A7 1.2G Hz dual-core
Memory:	1GB
Hard Drive:	4GB
Flash Memory:	Yes
Touch screen:	Yes
Durability:	IP65
Drop:	1.5m in the whole temperature range
Shock:	-----
Vibration:	-----

Temperature:	Operating temperature: -20°C -- +50°CStorage temperature: -20°C -- +70°C
Humidity:	5% - 95% RH non-condensing
1D barcode scanner (reader):	1D (Laser) Motorola SE955
2D barcode scanner (reader):	none (available in other versions)
RFID scanner (reader):	none (available in other versions)
Other:	Charger
Battery:	3.7V 4100mAh Li-Ion
Working time on battery:	Working time: about 8 hours (depending on usage)
Fast battery replacement ability:	Yes
HotSwap battery:	-----
LAN:	-----
WLAN:	IEEE 802.11b/g/n
Bluetooth:	Bluetooth 4.0
WAN:	3G: 850/1900/2100MHz GSM/GPRS/Edge 850/900/1800/1900Mhz
GPS:	Built-inA-GPS
Camera:	Yes - 5Mpx + Flash
In/Out:	1x SIM 1x MicroSD 1x Mini USB DC In
Optional accessories:	-----
Docking station connector:	-----
VESA standard – holders and mounts support:	-----
COM port:	-----
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	-----
Graphics card:	-----
Chipset:	-----
BIOS:	-----

Casing material:	high quality plastic and rubber
Flash Card Reader:	microSD (max. 32GB)
CD/DVD:	-----
Audio:	Speaker Receiver Microphone
Keyboard:	On-Screen Functional keys
Additional Navigation Devices :	-----
Color:	gray with yellow buttons
Swivel Hinge:	-----
VGA out:	-----
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	IP65
Sand and dust:	IP65
Size:	148 x 77.5 x 27mm300g
Fanless casing:	Yes

Product from the Archive - production finished



MobiPad H9 has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP65 norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.



Procesor	Cortex A7 1.2GHz dual-core
Display	4.3" TFT-LCD (480x800)
Type of display	LED Backlight Capacitive Touch screen
RAM	1GB
ROM	4GB
Connectors	SIM MicroSD Mini USB DC In
GPS	GPS + A-GPS
Audio	Speaker Microphone
Camera	5Mpx + Flash
Battery	3.7V 4100mAh Li-Ion
Keyboard	Onscreen Physical keys
Physical keys	Power Return Home
Environment	Android 4.4.2
3G (WCDMA)	850/1900/2100MHz
GSM/GPRS/Edge	850/900/1800/1900MHz
Modules (factory)	WIFI (b/g/n) Bluetooth 4.0 GPS 3G

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

IP65

Czytniki (opcjonalnie)

RFID HF (13.56Mhz) - 8 cm

1D - Honeywell N431x (LASER)

RFID LF (125KHz FDX-B) - 10 cm

2D - MOTOROLA SE4500 (CMOS)

RFID UHF (865-868Mhz) - 1.5 m

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**.





Select a version for yourself

Select a version tailored to your needs. Clicking on the hardware number configurations will redirect you to the product with parameters listed below. At the customer's request can be created configurations which are not available in the offer. Detailed parameters are available in the **"Technical Data"**.

	1D (LASER)	2D (CMOS)	RFID LF	RFID HF	RFID UHF
v.1	-	-	-	-	-
v.2	-	-	-	✓	-
v.3	-	-	✓	-	-
v.3.1	-	-	✓	✓	-
v.4	✓	-	-	-	-
v.5	-	✓	-	-	-

<u>v.7</u>	✓	-	-	✓	-
<u>v.8</u>	✓	-	✓	-	-
<u>v.8.1</u>	✓	-	✓	✓	✓
<u>v.9</u>	-	✓	-	✓	✓
<u>v.10</u>	-	✓	✓	-	-
<u>v.10.1</u>	-	✓	✓	✓	-
<u>UHF v.1</u>	-	-	-	-	✓
<u>UHF v.2</u>	✓	-	-	-	✓
<u>UHF v.3</u>	-	✓	-	-	✓

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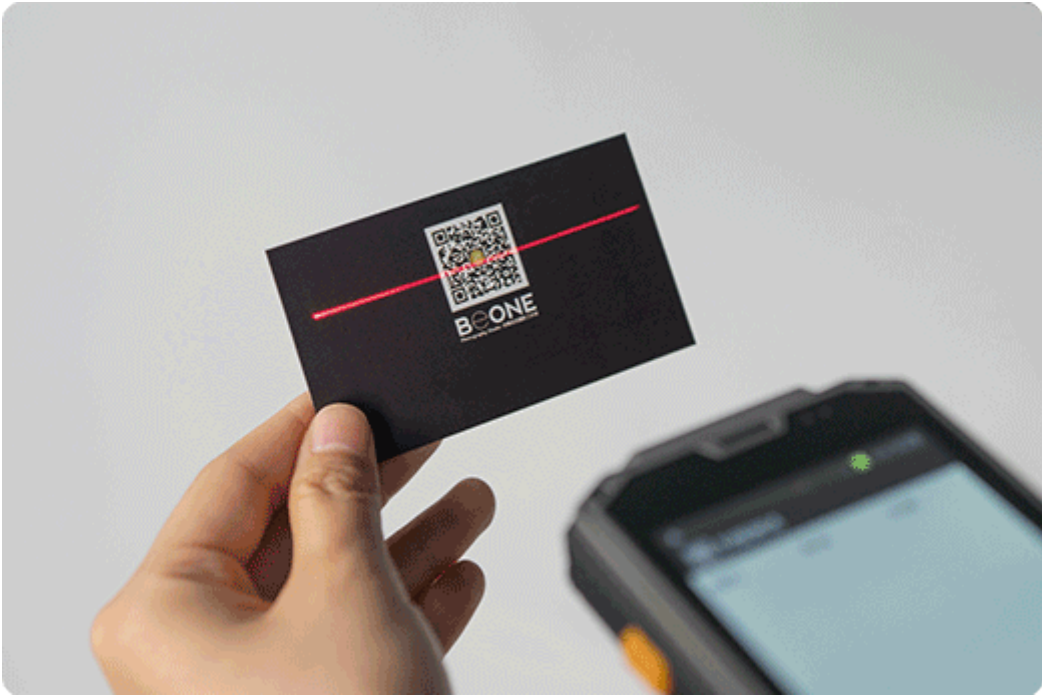
Barcode Scanner



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



1D	1D / 2D
Honeywell: N431x (LASER)	MOTOROLA: SE4500 (CMOS)



	MOTOROLA SE955 (LASER)	MOTOROLA SE4500 (CMOS)
1D	All major codes	All major codes
2D	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	2D: PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR MaxiCode Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal (KIX)

RFID

RFID (Radio-Frequency Identification) is a technology used to identify objects and control flow of products. The Read information tags that are attached to the objects followed by radio. Depending on the type of tag the amount of stored information is changing maximum distance at which data can be read.

LF	HF	UHF
(125KHz FDX-B)	(13.56MHz)	(865-868MHz)
ISO11784 ISO11785	ISO14443A ISO15693	EPC C1 GEN2 ISO18000-6C



In the UHF (Ultra High Frequency) band, where RFID tags work according to the principles of the electromagnetic coupling, the technology at the moment is the one based on the ISO 18000-6C protocol, best known as EPC Class 1 Gen 2 or for short Gen 2. The Gen 2 standard was proposed by the private organization EPCGlobal and then adopted in 2006 as the ISO 18000-6C standard by the International Standards Organization (ISO). The EPC Class 1 Gen 2 standard was created to address some issues of previous UHF RFID standards in logistics applications (such as the ISO 18000-6a and the ISO 18000-6b). The new standard was developed specifically to track flow between different companies and across all world regions with good read performance in environments with a high density of tags.

	LF	HF	UHF
Frequency	125 KHz	13.56 MHz	865-868 MHz
Reading distance	do 10 cm	do 8 cm	do 1.5 m

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Applicable standards

Operating	-20°C -- +50°C
Storage	-20°C -- +70°C
Humidity	5% - 95% RH noncondensing
Dust	IP6x (dust)
Water	IPx5 (water)
Electrostatic Discharge	± air discharge, ± direct discharge, ± indirect discharge
Drop	1.5m the entire operation range

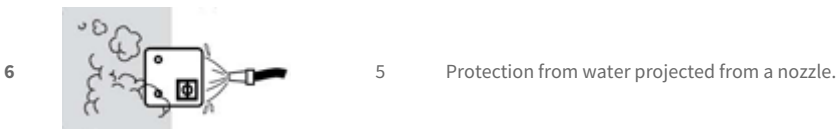
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IP65

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.

Complete protectionm against contact. Protection from infiltration of dust.



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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 H9 adjusts automatically to transfer and network coverage. Built-in speaker and microphone allows you to make voice calls.



WIFI	IEEE 802.11b/g/n
GPS	New Portable Devices NIP: 872-120-56-82 Mobile.: +48 508 235 505 e-mail: sklep@mobilator.pl
Bluetooth	Bluetooth 4.0



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 H9. The device weighs just 300g and its dimensions (148 x 77.5 x 27mm) allow you to take this device everywhere. Professional performance and energy efficiency makes, that MobiPad is in a group of devices which enjoy great popularity in the European market in the industrial segment.

Dimensions	148 x 77.5 x 27mm
Weight	300g



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[more photos in the "Photo Gallery" ...](#)

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