



## Industrial Data Collector MobiPad MP-HTK38 v.7



<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobilator
<b>Operating System:</b>	Android 4.4
<b>Display:</b>	3,5' (800x480) IPS   <b>Gorilla Glass 3</b>   Capacitive
<b>Brightness:</b>	-----
<b>Processor:</b>	Qualcomm MSM8916 Quad-Core 1.2GHz
<b>Memory:</b>	1GB
<b>Hard Drive:</b>	-----
<b>Flash Memory:</b>	8GB
<b>Touch screen:</b>	Yes
<b>Durability:</b>	IP65
<b>Drop:</b>	1.5 meters
<b>Shock:</b>	-----
<b>Vibration:</b>	-----
<b>Temperature:</b>	Operating temperature: -10°C -- +50°C Storage temperature: -20°C -- +70°C
<b>Humidity:</b>	90% (no condensation)
<b>1D barcode scanner (reader):</b>	-----
<b>2D barcode scanner (reader):</b>	<b>2D (CMOS) Honeywell N3680</b>
<b>RFID scanner (reader):</b>	-----
<b>Other:</b>	-----
<b>Battery:</b>	3.8V 4000mAh Li-Ion

<b>Working time on battery:</b>	>12 hours
<b>Fast battery replacement ability:</b>	Yes
<b>HotSwap battery:</b>	-----
<b>LAN:</b>	No
<b>WLAN:</b>	802.11 b/g/n
<b>Bluetooth:</b>	Bluetooth 4.0
<b>WAN:</b>	4G/3G/GPRS/WCDMA/CDMA <b>GSM</b> 900/1800 MHz <b>CDMA</b> 1X/EV: BC0, <b>WCDMA:</b> B1/B5/B8, <b>TD-SCDMA</b> B34/B39 <b>FDD-LTE:</b> B1/B3
<b>WAN:</b>	4G/3G/GPRS/WCDMA/CDMA <b>GSM</b> 900/1800 MHz <b>CDMA</b> 1X/EV: BC0, <b>WCDMA:</b> B1/B5/B8, <b>TD-SCDMA</b> B34/B39 <b>FDD-LTE:</b> B1/B3
<b>GPS:</b>	Built-in
<b>Camera:</b>	No
<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>	-----
<b>Docking station connector:</b>	-----
<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>	IP65
<b>Sand and dust:</b>	IP65
<b>Size:</b>	166 × 68 × 28mm- 260g
<b>Fanless casing:</b>	Yes

**Product from the Archive - production finished**



MobiPad MP-HTK38 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.



Processor	Qualcomm MSM8916 Quad-Core 1.2GHz
Display	3,5" (800x480) IPS   Gorilla Glass 3   Capacitive
RAM	1GB
ROM	8GB
Connectors	microUSB   Micro SD   SIM
GPS	GPS
Audio	AudioJack   Speaker   Microphone
Camera	Rear: 8Mpx (Auto-Focus + LED Flash)
Battery	3.8V 4000mAh Li-Ion
Keyboard	Numeric (+function keys) + On-Screen
Environment	Android 4.4
Modules(optional)	4G   WiFi   Bluetooth   GPS   NFC
Dimensions	166mm*68mm*28mm
Resistance	IP65
Readers(optional)	1D (Laser)   2D (CMOS)

## Select a version for each other

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"**.

	<u>v.0.0</u>	<u>v.0</u>	<u>v.1</u>	<u>v.2</u>	<u>v.3</u>	<u>v.4</u>	<u>v.5</u>	<u>v.6</u>	<u>v.7</u>	<u>v.8</u>	<u>v.9</u>
NFC	-	✓	-	✓	✓	-	✓	✓	-	✓	✓
Camera	✓	-	-	-	✓	-	-	✓	-	-	✓
1D (Laser) Motorola	-	-	-	-	-	✓	✓	✓	-	-	-
1D (Laser) Honeywell	-	-	✓	✓	✓	-	-	-	-	-	-
2D (CMOS) Honeywell	-	-	-	-	-	-	-	-	✓	✓	✓

## 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.



**1D Laser**  
**2D CMOS**

## Near Field Communication (NFC)

Its 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 10 cm or less.

# NFC



	NFC
Frequency	13.56 MHz
Reading distance	od 3 do 5 cm
Supported card standard	Mifare
Supported standards	ISO/IEC 14443 A ISO/IEC 15693

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## Applicable standards

Operating	-10°C -- +50°C
Storage	-20°C -- +70°C
Humidity	5% - 90% RH   non-condensing
Dust	IP6x (dust)
Water	IPx5 (water)
Drop	5ft./1.5m

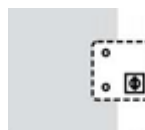


## IP65 Resistance

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 rating is usually followed by two digits. The first indicates the level of dust-resistance, the second water resistance level. The first resistance level goes from 0 up to 6 while water-resistance goes from 0 to 8.

No special protection

0



0

No waterproofing

Protection from solid objects greater than 50mm in diameter

1



1

Protection from dripping water

Protection from solid objects greater than 50mm in diameter



Protection from vertically falling water (tilted up to 15°)





When device is equipped with the **WCDMA** module, you need only insert a SIM card in the special slot and you can instantly connect to the internet. Integrated software allows you to automatically detect and configure connections to various networks. Internal **4G** module used in MobiPad MP-HTK38 adjusts automatically to transfer and network coverage. A speaker and microphone allows you to make voice calls.

<b>WiFi</b>	802.11 b/g/n
<b>GPS</b>	Yes
<b>Bluetooth</b>	Bluetooth V4.0
<b>4G</b>	4G/3G/GPRS/WCDMA/CDMA CDMA 1X/EV: BC0, GSM 900/1800 MHz WCDMA: B1/B5/B8, TD-SCDMA B34/B39 FDD-LTE: B1/B3 TD-LTE: B38/B39/B40/B41
	The ability to make voice calls



You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, the device disappears forever when you have MobiPad MP-HTK38. The device weighs just 260g and its dimensions (166 x 68) allow you to take this device everywhere. Professional performance and energy efficiency makes, that MP-HTK38 is one of devices which enjoy great popularity in the European market in the industrial segment.

**Dimensions**

166 × 68 × 28mm

**Weight**

260g

## 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" ...