



Industrial Data Collector MobiPad MP-HTK38 v.3

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 4.4
Display:	3,5' (800x480) IPS Gorilla Glass 3 Capacitive
Brightness:	-----
Processor:	Qualcomm MSM8916 Quad-Core 1.2GHz
Memory:	1GB
Hard Drive:	-----
Flash Memory:	8GB
Touch screen:	Yes
Durability:	IP65
Drop:	1.5 meters
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -10°C -- +50°C Storage temperature: -20°C -- +70°C
Humidity:	90% (no condensation)
1D barcode scanner (reader):	1D (Laser) Honeywell N4313
2D barcode scanner (reader):	-----
RFID scanner (reader):	NFC (13.56MHz) ISO/IEC 14443 A, ISO/IEC 15693
Other:	-----
Battery:	3.8V 4000mAh Li-Ion

Working time on battery:	>12 hours
Fast battery replacement ability:	Yes
HotSwap battery:	-----
LAN:	No
WLAN:	802.11 b/g/n
Bluetooth:	Bluetooth 4.0
WAN:	4G/3G/GPRS/WCDMA/CDMA GSM 900/1800 MHz CDMA 1X/EV: BC0, WCDMA: B1/B5/B8, TD-SCDMA B34/B39 FDD-LTE: B1/B3
WAN:	4G/3G/GPRS/WCDMA/CDMA GSM 900/1800 MHz CDMA 1X/EV: BC0, WCDMA: B1/B5/B8, TD-SCDMA B34/B39 FDD-LTE: B1/B3
GPS:	Built-in
Camera:	Rear: 8Mpx (Auto Focus, Flash)
In/Out:	1 x microUSB 2.0, 1 x AudioJack , 1 x Micro SD(max.32GB), 1 x SIM
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:	AudioJack : Built-in Speaker : Microphone
Keyboard:	Numeric (+ function keys) : On-screen
Additional Navigation Devices :	-----
Color:	-----
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Security:	-----

Waterproof:	IP65
Sand and dust:	IP65
Size:	166 × 68 × 28mm- 260g
Fanless casing:	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

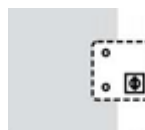


IP65 Resistance

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.

WiFi	802.11 b/g/n
GPS	Yes
Bluetooth	Bluetooth V4.0
4G	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" ...