



Licencja Windows 10 IoT



Rugged waterproof industrial data collector Emdoor I62H 2D Scanner NFC - Windows 10 IoT Enterprise License



<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobikator
<b>Operating System:</b>	Windows 10 IoT Enterprise license
<b>Display:</b>	5.98" (1280x720 IPS) Gorilla Glass   Capacitive (5-point)
<b>Brightness:</b>	430Nit
<b>Processor:</b>	Intel Cherrytrail Z8350 1.44Ghz-1.92GHz
<b>Memory:</b>	2GB DDR3L
<b>Hard Drive:</b>	-----
<b>Flash Memory:</b>	Yes
<b>Touch screen:</b>	Yes
<b>Durability:</b>	IP67
<b>Drop:</b>	1.2 meters
<b>Shock:</b>	-----
<b>Vibration:</b>	-----
<b>Temperature:</b>	Operating Temperature: -20°C -- +60°C Storage temperature: -30°C -- +70°C
<b>Humidity:</b>	95% (no condensation)
<b>1D barcode scanner (reader):</b>	lack(available in other version)

<b>2D barcode scanner (reader):</b>	<b>2D (CMOS) Honeywell N3680</b>
<b>RFID scanner (reader):</b>	NXP NFC 13.56MHzISO/IEC 14443A/14443B/15693/18092/mifareDistance up to 4cm
<b>Other:</b>	-----
<b>Battery:</b>	3.7V 5000mAH
<b>Working time on battery:</b>	-----
<b>Fast battery replacement ability:</b>	Yes
<b>HotSwap battery:</b>	-----
<b>LAN:</b>	No
<b>WLAN:</b>	Dual Band 802.11 a/b/g/n 2.4G + 5.8G
<b>Bluetooth:</b>	Bluetooth 4.1class 1.5   range up to 10m
<b>WAN:</b>	3G WCDMA(900/2100MHz) GSM 900/1800MHz HSDPA 7.2Mbps HSUPA 5.78Mbps
<b>GPS:</b>	Built-in
<b>Camera:</b>	Rear: 5Mpx, Front: 2Mpx
<b>In/Out:</b>	1 x microUSB, 1 x AudioJack , 1 x Micro SD, 1 x SIM 1 x Docking
<b>Optional accessories:</b>	-----
<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>	Intel HD Graphics 400
<b>Chipset:</b>	-----
<b>BIOS:</b>	-----
<b>Casing material:</b>	-----
<b>Flash Card Reader:</b>	microSD (max. 128GB)
<b>CD/DVD:</b>	-----

<b>Audio:</b>	AudioJack : Built-in Speaker : Microphone
<b>Keyboard:</b>	On-screen + Function Keys
<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>	MIL-STD-810G
<b>Waterproof:</b>	IP67
<b>Sand and dust:</b>	IP67
<b>Size:</b>	185 x 93 x 20.7mm - 380g
<b>Fanless casing:</b>	Yes

**814,69 €**

net price: 662,35 €



Rugged waterproof industrial data collector Emdoor I62H has a specially designed, reinforced structure, adapted to harsh 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. The device is proper for use in the home and industry.



Processor	Intel Cherrytrail Z8350
GPU	Intel HD Graphics 400
Display	5.98" (1280x720 IPS) Gorilla Glass   Capacitive (5-point)
RAM memory	2GB DDR3L
ROM memory	32GB
Connectors	Micro USB   Micro SD   SIM   3.5mm Jack   Docking
GPS	GLONASS, QZSS, GPS
Audio	Speaker   Microphone
Camera	5Mpx Rear, 2Mpx Front
Battery	3.7V/5000mAH
Keyboard	On-Screen + Function keys
Environment	Windows 10 IoT Enterprise(factory)
Modules(factory)	3G   GPS   WiFi 802.11 b/g/n   Bluetooth 4.1   NFC
Dimensions and weight	185 x 93 x 20.7mm - 380g
Resistance	IP67
Readers(factory)	2D Honeywell
Readers(optional)	1D Honeywell
Sensors	G-sensor   Gyroscope   E-compass   Light indicator

## Barcode Scanner

Barcode Recognition  
method and  
and efficiency



Thanks to dynamic scanning  
helps to increase the rate  
the scanner works very easily

and quickly.

## 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
Frequency	13.56 MHz
Reading distance	up to 4 cm
Supported card standard	Mifare
Supported standards	ISO/IEC 14443 A
	ISO/IEC 15693
	ISO/IEC 18092

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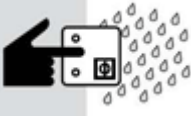
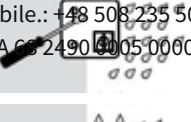
## Applicable standards

Storage	-30°C -- +70°C
Operating	-20°C -- +60°C
Dust	IP6x (dust)
Water	IPx7 (water)
Drop	1.2m
Humidity	95% non-condensing



## IP67 Resistance

IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or IEC. This 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.

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	2		2	Protection from vertically dripping water (tilted)
Protection from object not greater than 2,5mm in diameter	3		3	Protection from sprayed water (tilted up to 60°)



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 Emdoor I62H adjusts automatically to transfer and network coverage.

<b>WiFi</b>	Dualband 802.11(a/b/g/n) 2.4G+5.8G
<b>GPS</b>	GLONASS, QZSS, GPS
<b>Bluetooth</b>	Bluetooth V4.1
<b>3G</b>	WCDMA(900/2100MHz) GSM 900/1800MHz HSDPA 7.2Mbps HSUPA 5.76



You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, the problem disappears when you have Emdoor I62H. The device weighs just 380g and its dimensions (185 x 93 x 20.7mm) allow you to take this device everywhere. Professional performance and energy efficiency makes, that Emdoor I62H is in a group of devices which enjoy great popularity in the market in the industrial segment.

Dimensions

185 x 93 x 20.7mm

Weight

380g

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

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

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

	v.1	v.2	v.3	v.4	v.5	v.6	v.7	v.8
NFC	—	+	—	—	+	—	+	+
Scanner 1D Honeywell N4313	—	—	—	+	+	—	—	—
Scanner 2D Honeywell N3680	—	—	—	—	—	+	+	+
Windows 10 Pro licence	—	—	+	—	—	—	—	+