mdoor I88H v.3 - Waterproof and shockproof tablet with Intel Cherry processor, Windows 10 PRO, NFC and 4G module, 4GB RAM and 64GB ROM

Category:	UMPC - Ruggedized
Manufacturer:	EMDOOR
Operating System:	**Windows 10 PRO**
Display:	8" (800x1280) IPS
Brightness:	~400Nit
Processor:	Intel Cherry Trail Z8350(4x 1.92 GHz)
Memory:	4GB
Hard Drive:	64GB	128GB SSD (optional)
Flash Memory:	64GB
Touch screen:	Capacitive (glove touch, water touch)
Durability:	IP67
Drop:	1.22m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Operating temperature: -20°C -- 60°CStorage temperature: -30°C -- 70°C

Humidity:	0% -- 95%
1D barcode scanner (reader):	-----
2D barcode scanner (reader):	-----
RFID scanner (reader):	**NFC 13,56MHz**
Other:	**AR Film** (optional)
Battery:	3.7V 7500mAh Li-Ion
Working time on battery:	7h
Fast battery replacement ability:	No
HotSwap battery:	Tak
LAN:	-----
WLAN:	IEEE 802.11 a/b/g/n/ac (Dual band)
Bluetooth:	Bluetooth 4.2
WAN:	LTE FDD: B1/B3/B5/B7/B8/B20/B28A WCDMA B1/B8 GSM B3/B8
GPS:	Yes
Camera:	Rear: 5Mpx, FlashFront: 2Mpx
In/Out:	Audio Jack l USB 3.0	HDMI	DC
Optional accessories:	-----
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	-----
Graphics card:	Intel HD Graphics
Chipset:	-----
BIOS:	-----
Casing material:	ABS/PC
Flash Card Reader:	micro SD

CD/DVD:	-----
Audio:	Built-in microphone and speaker
Keyboard:	Onscreen
Additional Navigation Devices :	-----
Color:	-----
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	No
Security:	-----
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	220 x 143 x 16mm
Fanless casing:	Yes
Weight:	647g

Product from the Archive - production finished

EMDOOR I88H

Przemysłowy tablet o wzmocnionej konstrukcji, przeznaczony do pracy w najcięższych warunkach.

SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

Emdoor I88H is a modern, waterproof industrial tablet designed for extreme applications. It has a specially designed, reinforced construction that meets the requirements of IP67, which confirms the protection of the device against dust and water.

SPECIFICATION

Emdoor I88H	
Processor	Intel Cherry Trail (4x1.92GHz)
Graphics	Intel HD Graphics
Operating system	Windows 10 PRO
RAM	4GB
ROM	64GB
Display	8" 800x1280 IPS
Touch screen	Capacitive
Battery	3.7V/7500mAh
Camera	2Mpx Front	5Mpx Rear + Flash
Protection	IP67	1.22m drops

Emdoor I88H

Communication	3G/4G | Bluetooth 4.2 | NFC | Wi-Fi | GPS
Connectors	HDMI | USB 3.0 i Typ C | Audio Jack
Memory card	Micro SD
SIM card	SIM
AR Film *	optional

*

Optional equipment, available on specific versions only.

ⓘ Detailed device specification is available in the "Technical data".

Dustproof industrial tablet Emdoor I88H was equipped with high performance, energy-efficient Intel Cherry Trail (4x1.92GHz) processor. Inside, there are eight cores that allow for more efficient processing of multiple tasks simultaneously. Shared caching, which uses a multi-level hierarchy, is dynamically allocated to each processor core according to the load. This reduces the average access time to main memory. Enhanced graphics card technology lets you enjoy full HD video and movies. Low power consumption guarantees long battery life.

Ergonomic design

Emdoor I88H industrial tablet is designed for resistance and convenience. The sleek and rugged 16mm thick design and stylish case will make the tablet very well suited for industrial use and more. The unique size has been carefully thought out to make the device more comfortable and ergonomic. The non-slip casing makes it safe and secure to hold it in your hand, and the rubber corners further protect your device against possible damage as a result of falls.

Dimensions	220mm x 143mm x 16mm
Net weight	647g

Capacitive screen

With the capacitive screen, the reaction of the device is not to directly press the screen, but to change the electrostatic field at the point where the device is touched. This allows for much more precise handling and gentle brushes on the screen. In addition, we can use multitouch technology, the ability to control our tablet or the collector with a few fingers at once.

up…

RESISTANCE

IP67 Protection

The IP standard defines the degree of protection provided by the enclosure of an electrical device against such factors as: access to dangerous parts inside the enclosure, penetration of foreign matter, splashing or immersion.

IP6X	No ingress of dust, complete protection against contact. A vacuum must be applied. T
IPX7	Protection against the effects of short-term immersion in water (30 min to a depth of 0.15 m above the top of th

1.22m drop resistance

Specially designed construction gives the machine a chance of accidental falls from up to 1.22 meters in operating mode, even on hard surfaces.

Extreme temperatures

Emdoor I88H is suitable for continuous operation in both low and high temperatures in the range of -20 ° C to 55 ° C. When the device is off, it can handle temperatures ranging from -30 ° C to 70 ° C. In addition, the rugged industrial tablet performs well in rooms with increased humidity, ensuring proper operation even with 95% relative humidity.

Working Temp.	-20°C to 60°C
Storage Temp.	-30°C do 70°C
Humidity	0% do 95%

up...

WIRELESS COMMUNICATION

GPS Navigation

Waterproof tablet Emdoor I88H is equipped with a professional GPS module with GLONASS support, combining low power consumption with high accuracy. Navigation is fast and smooth, allowing you to easily and easily reach any destination.

Bluetooth 4.2

Bluetooth enables wireless short-range communication between various electronic devices, such as the keyboard, computer, laptop, palmtop, mobile phone and many others. In the fourth version of this standard, energy consumption was reduced considerably, at the expense of lower transfer costs, and real operating coverage increased.

Wi-Fi network

Dual-band Wi-Fi provides fast network access wherever you can connect to secured or open Wi-Fi networks. This is a convenient solution for people who have a work or residence router and a wireless network that can be used at no extra cost. The shock-resistant industrial tablet is equipped with the latest 802.11ac technology, which allows file transfer speeds up to 1300 Mb/s.

Standards	802.11(a/b/c/g/n/ac)
Frequencies	2.4GHz/5GHz (Dual-Band)

APPLICATION

Trade and Services

Thanks to their size and light weight, tablet and smartphone data collectors are a useful tool for sales representatives. Today's applications running under the collector system enable even entering the data collector's contractor database, which allows us to later search for it quickly by name or NIP number. We can do the same with our commodity base, which can work in parallel with the database of contractors. Additional use of collectors in the trade, such as sending orders or invoices directly to the company through the GSM network or Wi-Fi.

Industry and Construction

Industrial tablets and data collectors are characterized by high resistance to adverse working conditions. Tightness, dust and water resistance of enclosures, certified by IP (dust and water resistance standards) and often MIL-STD military standard, can withstand even the harshest conditions in industrial infrastructure or on the construction site. With appropriate applications, collectors can be used for control and control of various industrial processes, as well as for data collection and analysis.

An industrial data sheet is the ideal solution for quick stocktaking. In addition, depending on the software used, it streamlines the process of entering and delivering goods into the warehouse, enables price control and dispensing, helps to collect and order orders, and identifies customers and servicing the rental. The advantages of using data collectors are undoubtedly: time savings, customer satisfaction thanks to the correct price and speed of operation.

ACCESSORIES AND AVAILABLE VERSIONS

The industry-leading Emdoor I88H tablet is available in several versions to suit different needs. By clicking on the hardware configuration number you will be redirected to the product with the parameters given in the table below. In addition, on request, you can create a configuration not currently available in the offer.

> ⓘ More photos in full resolution available in the "Gallery".

	v.1	v.2	v.3	v.4
Windows 10 PRO OS	—	—		
NFC	—			