MEDYCZNY / MEDICAL

NFC **WiFi** **4G** **IP67**

Medical industrial Data Collector MobiPad Cruise 2D

5012345 678900

Manufacturer:	Mobilator
Durability:	IP67
Humidity:	5% - 95% (no condensation)
Waterproof:	IP67
Temperature:	Operating temperature: -20°C -- +50°C
Shock:	-----
Vibration:	-----
Drop:	1.5 meters
Sand and dust:	IP67
1D barcode scanner (reader):	-----
2D barcode scanner (reader):	**2D (CMOS) Honeywell N6603**
RFID scanner (reader):	NFC 13.56MHz
Magnetic card reader (MSR):	-----
Microchip card reader:	-----

Docking station connector:	Yes
VESA standard – holders and mounts support:	-----
COM port:	-----
Dispaly:	5.2" | IPS | Capacitive1920x1080 Full HD
Brightness:	-----
Contrast:	-----
Touch screen:	Yes
Graphics card:	-----
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Processor:	Cortex A53 Eight Core - 1.5 GHz Quad Core + 1.2 GHz Quad Core
Chipset:	-----
BIOS:	-----
Memory:	2GB
Hard Drive:	-----
Flash Memory:	16GB
Battery:	3.8V 4400mAh Li-Ion
Working time on battery:	>8 hours
HotSwap battery:	Nie
Fast battery replacement ability:	Nie
Size:	152 × 75.9 × 12.8mm - 227g
Casing material:	high quality plastic and rubber
Fanless casing:	Yes
Operating System:	Android 5.1
LAN:	No
WLAN:	802.11 a/b/g/n/ac

Bluetooth:	Bluetooth 4.0
WAN:	3G/4GGSM : Quad Band(850/900/1800/1900M hz)TD - SCDMA : Band34,Band39WCDMA : Band1 , Band2 , Band5 , Band8CDMA 1x /EVDO : BC0TDD - LTE : Band38 , Band39 , Band40 , Band41FDD - LTE : Band1 , Ban
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GPS:	Built-in
Flash Card Reader:	microSD (max. 32GB)
CD/DVD:	-----
Camera:	Rear: 13Mpx wuth Flash, Front: 5Mpx
Audio:	AudioJack : Built-in Speaker : Microphone
Seciurity:	-----
In/Out:	1 x USB Type C, 1 x AudioJack , 1 x Micro SD, 2 x SIM
Keyboard:	On-screen + Function Keys
Additional Navigation Devices :	-----
Color:	-----
Optional accessories:	-----
Other:	**Antibacterial shell**

Product from the Archive - production finished
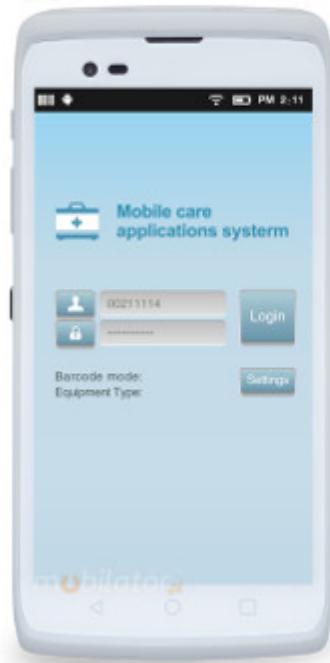
MobiPad Cruiser has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP67 norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.

|	
Processor	Cortex A53 (1.5 GHz Quad Core + 1.2 GHz Quad Core)
GPU	Qualcomm Adreno 304
Display	5.2" | IPS | Capacitive | 1920x1080 Full HD
RAM	2GB
ROM	16GB
Connectors	USB Type C | Micro SD | Micro SIM | 3.5mm Jack
GPS	GLONASS, GPS
Audio	AudioJack | Speaker | Microphone
Camera	13Mpx Rear, 5Mpx Front
Battery	3.8V/4400mAH Li-Ion
Keyboard	On-Screen + Function keys
Environment	Android 5.1
Modules	3G/4G | GPS | Wi-Fi | BT 4.0 | NFC
Dimensions and weight	152 x 75.9 x 12.8mm - 220g
Resistance	IP67
Readers	2D Honeywell (CMOS)
Sensors	G-sensor | Gyroscope | E-compass | Barometer

Cruiser is offered with the latest Quad Core Cortex A53 to ensure the highest performance, low power consumption and long battery life. The data collector works with Android 5.1 operating system to meet the growing requirements in industrial applications.
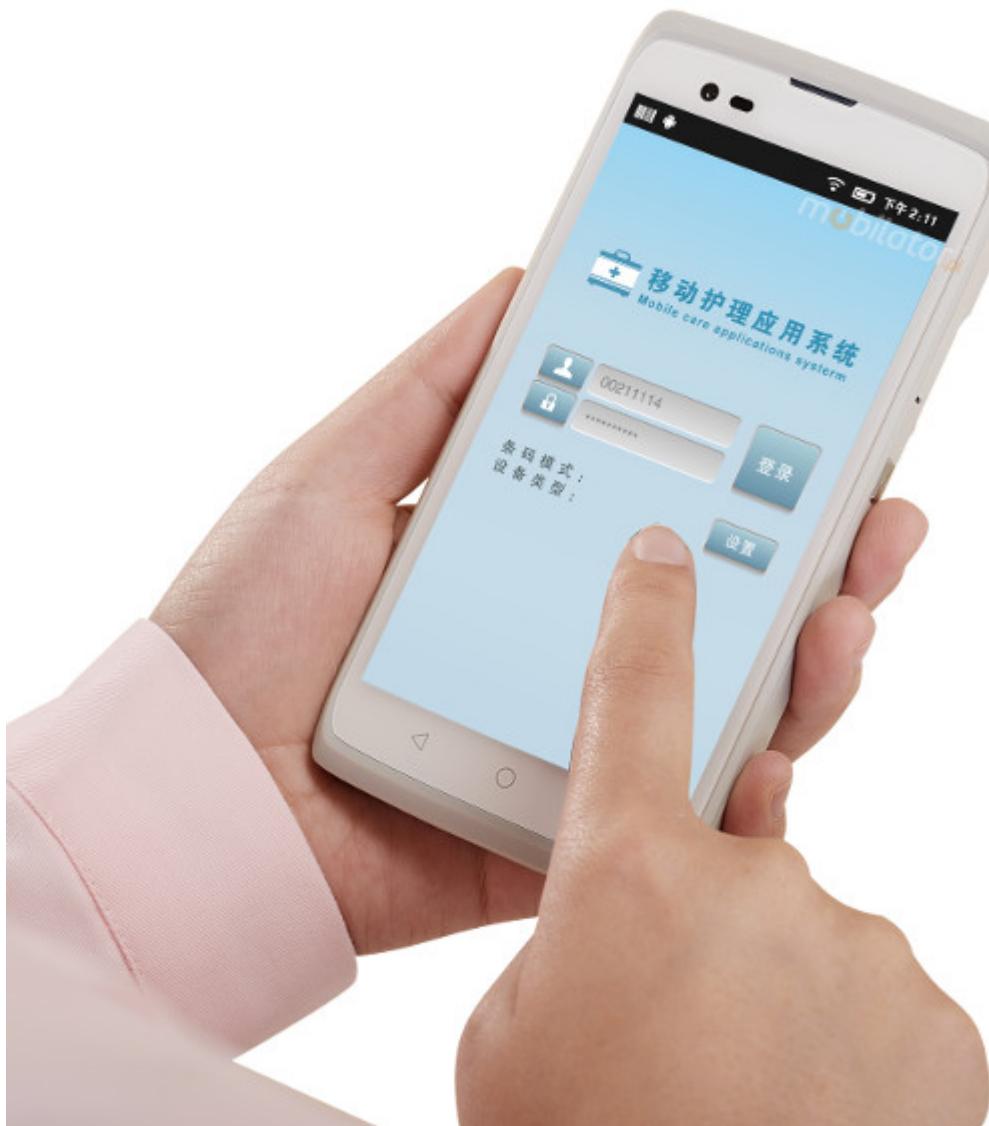
Application in medical field

In modern medical centers employee should have **comfortable and handy** data collectors to their daily work. Device should be durable and easy to use. Thanks case with IP67 rate its **resistant** also for dust and water. Special **antibacterial shell** effectively prevents growth of bacteria. Additional device's case might be **disinfected** in any time by using alcohol.

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.

Near Field Communication (NFC)

It's 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 6cm (ISO 15693), up to 4cm (ISO14443A/B)
Supported card standard	Mifare
Supported standards	ISO14443 ISO15693 ISO14443A/B

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Applicable standards

Storage	-40°C -- +60°C
Operating	-20°C -- +50°C
Dust	IP6x (dust)
Water	IPx7 (water)
Drop	1.5m
Humidity	5% - 95% non-condensing

IP67 Resistance

IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or system is now being used to classify different degrees of protection against intrusion or immersion. The IP rating is usually follo digits. The first indicates the level of dust-resistance, the second water resistance. Dust-resistance levels goes from 0 up to 6 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 co
internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Internal **4G** mo
MobiPad MP-Q62 adjusts automatically to transfer and network coverage. Built-in speaker and microphone allows you to make voice

WiFi	802.11(b/g/n) 2.4GHz
GPS	Yes
Bluetooth	Bluetooth V4.0
4G	CMCC 5M LTE 1/3/7/20/38/39/40/41 WCDMA 1/2/5/8 TD-SCDMA 34/39 GSM 2/3/5/8
	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 problem disappears when you have MobiPad Cruiser. The device weighs just 220g and its dimensions (152 x 75.9 x 12.8mm) allow you to take this device. Professional performance and energy efficiency makes, that Cruiser is in a group of devices which enjoy great popularity in the Europe in the industrial segment.

Dimensions	152 × 75.9 × 12.8mm
Weight	220g

go top...

more photos in the "**Photo Gallery**" ...

specification of this version is available in the "Technical data" ...

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