



Rugged waterproof industrial data collector 2D Laser MobiPad S950 Android 6.0

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 6.0
Display:	3.5" (480 x 640)
Brightness:	~300Nit
Processor:	MediaTek MT6753 (8x 1.3GHz)
Memory:	1GB
Hard Drive:	-----
Flash Memory:	8GB
Touch screen:	Capacitive
Durability:	IP65 2.5m Drops
Drop:	2.5m
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -10°C -- 50°CStorage temperature: -30°C -- 60°C

Humidity:	5% -- 95%
1D barcode scanner (reader):	Motorola SE4750
2D barcode scanner (reader):	Motorola SE4750
RFID scanner (reader):	-----
Other:	-----
Battery:	3.8V/3280mAh
Working time on battery:	8h
Fast battery replacement ability:	Yes
HotSwap battery:	No
LAN:	No
WLAN:	IEEE 802.11 a/b/g/n
Bluetooth:	Bluetooth 4.0
WAN:	-----
GPS:	-----
Camera:	-----
In/Out:	Micro SDMicro USBCharging port
Optional accessories:	-----
Docking station connector:	Yes
VESA standard – holders and mounts support:	-----
COM port:	-----
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	-----
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	-----
Flash Card Reader:	micro SD

CD/DVD:	-----
Audio:	Built-in microphone and speaker
Keyboard:	52 regular keys, 1 power on key, 1 reset key, 2 keys on side
Additional Navigation Devices :	-----
Color:	Black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	210mm x 79mm x 28mm - 360g
Fanless casing:	Yes

Product from the Archive - production finished



SPECIFICATION
RESISTANCE
DATA COLLECTING
WIRELESS COMMUNICATION
APPLICATION
AVAILABLE VERSIONS AND ACCESSORIES

MobiPad

S560 is a modern, waterproof industrial data collector designed for extreme applications. It has a specially designed, reinforced construction that meets the requirements of IP65, which confirms the protection of the device against dust and water.

SPECIFICATION	
MobiPad S560	
Processor	MediaTek MT6753 (8x 1.3GHz)
Graphics	ARM Mali-T720
Operating system	Android 6.0
RAM	1GB
ROM	8GB

MobiPad S560	
Display	3.5" (480 x 640)
Touch screen	Capacitive
Battery	3.8V/3280mAh
Camera	None
Protection	IP65 2.5 Drops
Communication	Bluetooth 4.0 Wi-Fi
Connectors	Audio Jack, Micro USB, Charging port
Memory card	Micro SD
SIM card	None
RFID Reader	None
1D Scanner *	Motorola SE965
2D Scanner *	Motorola SE4750

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Optional equipment, available on specific versions only.

 Detailed specification of the device is available in the tab "Technical data".

Dustproof industrial data collector

MobiPad

S560 was equipped with high performance, energy-efficient ARM Cortex A-53. Inside, there are four 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

MobiPad

S560 industrial data collector is designed for resistance and convenience. The sleek and rugged 28mm thick design and stylish case will make the data collector 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	210mm x 79mm x 28mm
Net weight	360g (with battery)

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.

RESISTANCE

IP65 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. Test duration of up to 8 h
IPX5	Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful

Extreme temperatures

MobiPad

S560 is suitable for continuous operation in both low and high temperatures in the range of -10°C to 50°C . When the device is off, it can handle temperatures ranging from -30°C to 60°C . In addition, the rugged industrial data collector performs well in rooms with increased humidity, ensuring proper operation even with 95% relative humidity.

Working Temp.	$-10^{\circ}\text{C} - 50^{\circ}\text{C}$
Storage Temp.	$-30^{\circ}\text{C} - 60^{\circ}\text{C}$
Humidity	5% — 95%



DATA COLLECTING

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 Scanner	Motorola SE965
1D/2D Scanner (option)	Motorola SE4750



WIRELESS COMMUNICATION

Bluetooth 4.0

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 handheld terminal, the MobiPad S560, is equipped with the latest 802.11n technology, which allows file transfer speeds up to 150 Mb/s.

Standards	802.11(a/b/g/n)
Frequencies	2.4GHz + 5.8GHz

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.



AVAILABLE VERSIONS AND ACCESSORIES

The industry-leading MobiPad S560 data collector 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.

	v.1	v.2
Scanner 1D		—
Scanner 2D	—	



More pictures available in the "Gallery" tab.