



Rugged industrial data collector with IP65, Android 8.1, barcode scanner 2D Honeywell N6603 and pistol grip - MobiPad Senter S917V20 v.7

|                          |   |
|--------------------------|---|
| <b>Category:</b>         | UMPC - Ruggedized                             |
| <b>Manufacturer:</b>     | Senter  |
| <b>Operating System:</b> | Android 8.1                                   |
| <b>Display:</b>          | 5.5"   LCD   Capacitive                       |
| <b>Brightness:</b>       | 400Nits                                       |
| <b>Processor:</b>        | Qualcomm Snapdragon 810 (8x 1.8 GHz)          |
| <b>Memory:</b>           | <b>4 GB</b>                                   |
| <b>Hard Drive:</b>       | -----   |
| <b>Flash Memory:</b>     | 64GB EMMC                                     |
| <b>Touch screen:</b>     | Yes   |
| <b>Durability:</b>       | IP65  |
| <b>Drop:</b>             | 1,2m  |
| <b>Shock:</b>            | MIL-STD-810G                                  |
| <b>Vibration:</b>        | MIL-STD-810G                                  |
| <b>Temperature:</b>      | Working: -10°C -- 50°C Storage: -40°C -- 60°C |

|  |   |
|--|---|
| <b>Humidity:</b>                                   | 5% -- 95%   |
| <b>1D barcode scanner (reader):</b>                | -----   |
| <b>2D barcode scanner (reader):</b>                | Honeywell N6603   |
| <b>RFID scanner (reader):</b>                      | -----   |
| <b>Other:</b>                                      | -----   |
| <b>Battery:</b>                                    | 3.8V 5000mAh Li-Ion   |
| <b>Working time on battery:</b>                    | -----   |
| <b>Fast battery replacement ability:</b>           | No  |
| <b>HotSwap battery:</b>                            | No  |
| <b>LAN:</b>  | No  |
| <b>WLAN:</b>                                       | 802.11 a/b/g/n/ac   |
| <b>Bluetooth:</b>                                  | Bluetooth 4.0 (BLE) up to10m  |
| <b>WAN:</b>  | 4G LTE: FDD-LTE B1/B3/B5/B7 , TD-LTE B38/B39/B40/B413G: CDMA 1X/EVDO BC0 GSM 850/900/1800/1900 , WCDMA B1/B2/B5/B8 , TD-SCDMA B34/B39 |
| <b>GPS:</b>  | Built-in  |
| <b>Camera:</b>                                     | Back: 13Mpx (Flash), Front: 5Mpx  |
| <b>In/Out:</b>                                     | 1x MicroUSB (OTG) , 1x USB 2.0 , 1x AudioJack , 2x SIM or 1x SIM + 1x Micro SD  |
| <b>Docking station connector:</b>                  | Yes   |
| <b>VESA standard – holders and mounts support:</b> | No  |
| <b>COM port:</b>                                   | No  |
| <b>Magnetic card reader (MSR):</b>                 | No  |
| <b>Microchip card reader:</b>                      | No  |
| <b>Contrast:</b>                                   | -----   |
| <b>Graphics card:</b>                              | -----   |
| <b>Chipset:</b>                                    | -----   |
| <b>BIOS:</b>                                       | -----   |
| <b>Casing material:</b>                            | Plastic + Rubber  |

|  |                                 |
|--|---------------------------------|
| <b>Flash Card Reader:</b>              | microSD (max. 128GB)            |
| <b>CD/DVD:</b>                         | -----                           |
| <b>Audio:</b>                          | Built-in mic and speaker        |
| <b>Keyboard:</b>                       | Onscreen + 3x Functional Screen |
| <b>Additional Navigation Devices :</b> | -----                           |
| <b>Color:</b>                          | Black and Orange                |
| <b>Swivel Hinge:</b>                   | -----                           |
| <b>VGA out:</b>                        | No                              |
| <b>TV Out:</b>                         | -----                           |
| <b>TV Tuner:</b>                       | No                              |
| <b>Security:</b>                       | -----                           |
| <b>Waterproof:</b>                     | IPX5                            |
| <b>Sand and dust:</b>                  | IP6X                            |
| <b>Size:</b>                           | 170mm x 84mm x 15mm - 230g      |
| <b>Fanless casing:</b>                 | Yes                             |
| <b>Weight:</b>                         | 230g                            |

**2 661,41 zł**  
net price: 2 163,75 zł

# **SE~~N~~TER<sup>®</sup>** **SV 917 v2.0**



**SPECIFICATION**

**RESISTANCE**

**WIRELESS COMMUNICATION**

**FUNCTIONALITY**

**APPLICATION**

**AVAILABLE VERSIONS AND ACCESSORIES**

Senter ST917 v2.0 is a modern, waterproof industrial smartphone 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. Like the military equipment, the smartphone has the MIL-STD 810 military standard.

## SPECIFICATION

### Senter ST917 v2.0

|                  |                                    |
|------------------|------------------------------------|
| Processor        | Qualcomm 810 (8x1.8GHz)            |
| Graphics         | Adreno 430                         |
| Operating system | Android 8.1                        |
| RAM              | 4GB                                |
| ROM              | 64GB EMMC                          |
| Display          | 5.5", 1920 x 1080 IPS              |
| Touch screen     | Capacitive                         |
| Battery          | 3.8V/5000mAh                       |
| Camera           | 5Mpx Front   13Mpx Back + Flash    |
| Protection       | IP65   1.2m. drops                 |
| Communication    | 4G   Bluetooth   GSM   Wi-Fi   GPS |
| Connectors       | Micro USB (OTG)   Audio            |
| Memory card      | Micro SD (max. 128 GB)             |
| SIM card         | SIM                                |
| RFID Reader      | HF<br>*   UHF<br>*   LF<br>*       |

## Senter ST917 v2.0

1D / 2D Scanner

Honeywell N6603

\*

Optional equipment, available on specific versions only.



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

Dustproof industrial smartphone Senter ST917 v2.0 was equipped with high performance, energy-efficient Qualcomm 810 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



Senter ST917 v2.0 industrial smartphone is designed for resistance and convenience. The sleek and rugged 15mm thick design and stylish case will make the smartphone 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.

|                   |                     |
|-------------------|---------------------|
| <b>Dimensions</b> | 170mm x 84mm x 15mm |
| <b>Weight</b>     | 230g                |

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 smartphone 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.

|             |  |
|-------------|--|
| <b>IP6X</b> | No ingress of dust, complete protection against contact. A vacuum must be applied. Test duration of up to 8 hours based on air flow. |
| <b>IPX5</b> | Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects.                             |

## MIL-STD 810 Standard

The MIL-STD-810 is a strict military standard used in the United States Army. It determines the immunity of the equipment to severe environmental and weather conditions such as extreme low and high temperatures, temperature changes, rain or dust, as well as various accidents (shocks, floods, high altitude falls, etc.). Although the MIL-STD-810 is mainly used for military equipment, it is often used by private companies that produce equipment that requires unmatched durability.

### 1.2m drop resistance

Specially designed construction gives the machine a chance of accidental falls from up to 1.2 meters in operating mode, even on hard surfaces. In addition, the smartphone screen is protected by specially tempered glass Gorilla Glass.

### Extreme temperatures

Senter ST917 v2.0 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 -40 ° C to 60 ° C. In addition, the rugged industrial smartphone performs well in rooms with increased humidity, ensuring proper operation even with 95% relative humidity.

|                      |               |
|----------------------|---------------|
| <b>Working Temp.</b> | -10°C do 50°C |
| <b>Storage Temp.</b> | -40°C do 60°C |
| <b>Humidity</b>      | 5% do 95%     |

## WIRELESS COMMUNICATION



### GPS Navigation

Waterproof smartphone Senter ST917 v2.0 is equipped with a professional GPS module combining low power consumption with high accuracy. Navigation is fast and smooth, allowing you to easily and easily reach any destination.

### 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 smartphone, is equipped with the latest 802.11ac technology, which allows file transfer speeds up to 1 Gb/s.

|                    |                    |
|--------------------|--------------------|
| <b>Standards</b>   | 802.11(a/b/g/n/ac) |
| <b>Frequencies</b> | 2.4GHz and 5GHz    |

## FUNCTIONALITY

### Barcode Scanner

Quick and accurate identification of the object relieves the warehouseman and does not create a bottleneck in logistics processes. 2D barcode reader allows you to read, decode and send to your data stored in the bar code. With dynamic scanning capabilities Senter ST917 v2.0 quickly and accurately retrieves the data, which helps to increase the rate and efficiency. You can jump-start a whole because with simplified installation procedure and intuitive, comfortable design to prepare the scanner to work is very easy.

|                     |
|---------------------|
| <b>1D / 2D</b>      |
| Newlands NLS-EM3296 |
| Honeywell N3680     |
| Honeywell N6603     |



### RFID (Optional)

RFID technology has aroused great worldwide interest. It is expected to solve many of the problems with fast and faultless identification of people and equipment. Its development is more turbulent than gradually introduced barcodes. RFID technology is cheap, reliable and versatile. RFID (Radio-Frequency Identification) is a technology used to identify objects and flow control products.

|           |           |
|-----------|-----------|
| Type      | RFID HF   |
| Frequency | 13.56 MHz |
| Standard  | Mifare    |

## APPLICATION

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 smartphones 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.



## Warehouse

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 Senter ST917 v2.0 smartphone 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 pictures available in the "Gallery" tab.

|                                  | v.1 | v.2 | v.3 | v.4 | v.5 | v.6 | v.7 |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| HF RFID / NFC                    | +   | +   | +   | +   | -   | -   | -   |
| Newland NLS-EM3296               | -   | +   | -   | -   | +   | -   | -   |
| Honeywell N3680                  | -   | -   | +   | -   | -   | +   | -   |
| Honeywell N6603                  | -   | -   | -   | +   | -   | -   | +   |
| Uchwyt pisotletowy / Pistol grip | -   | -   | -   | -   | +   | +   | +   |