

## MobiScan H6280W

QR 2D



MobiScan H6280W - finger barcode reader  
- ring scanner (1D / 2D), Bluetooth  
connection

<b>Category:</b>	Mobile 1D/2D barcode scanner
<b>Manufacturer:</b>	Mobikator
<b>Supported Operating Systems:</b>	Android, iOS, Windows 7, Windows 8, Windows 9, Windows 10, Linux, MAC
<b>Internal memory:</b>	16MB
<b>Operation Voltage:</b>	Working Voltage: DC 3.3±10%VDC / Power: 210mA (working), 7mA (standby), 3uA (sleep)
<b>Battery:</b>	450mAh
<b>Reading indicator:</b>	1D/2D
<b>Scan rate:</b>	---
<b>Light source:</b>	625±10nm, Visible red LED, white LED
<b>Resolution:</b>	4mil (can customize 3mil)
<b>Communication distance:</b>	50m BT, 100m 2.4GHz
<b>Readable codes:</b>	2D: QR, Micro QR, PDF417, Micro PDF417, DataMatrix, AZTEC etc.
<b>Sensor:</b>	640x480 2D CMOS 30fps
<b>Scan Angle:</b>	Rotation 360°, tilt ±55°, skew ±55°
<b>Print Contrast Ratio:</b>	Min. Contrast: 20%
<b>Scan range:</b>	35-260mm

<b>Cable Type:</b>	USB
<b>Battery Life:</b>	10h (continuously working)
<b>Communication:</b>	Bluetooth 4.0 + 2.4GHz RF wireless + USB
<b>Interface/ Prole:</b>	HID + BLE + SPP
<b>Operating Temperature:</b>	-20°C ~ 55°C
<b>Storage Temperature:</b>	-40°C ~ 80°C
<b>Relative Humidity:</b>	5% ~ 95%, non-condensing
<b>Resistance IP:</b>	IP41
<b>Drop test:</b>	1.5m Drop
<b>Barcodes 1D:</b>	<b>Barcodes 1D:</b> Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey etc.
<b>2 of 5 Chinese:</b>	No
<b>2 of 5 Discrete:</b>	No
<b>2 of 5 IATA:</b>	No
<b>2 of 5 Industrial:</b>	Yes
<b>2 of 5 Interleaved:</b>	Yes
<b>2 of 5 Matrix:</b>	Yes
<b>2 of 5 Standard:</b>	Yes
<b>BC - 412:</b>	No
<b>Bookland EAN:</b>	No
<b>Codabar:</b>	Yes
<b>Codabar - NW7:</b>	No
<b>Code - 11:</b>	Yes
<b>Code - 11(USD-8):</b>	No
<b>Code - 32:</b>	No
<b>Code - 39:</b>	Yes
<b>Code - 39 Extended (full ASCII):</b>	No

<b>Code - 39 Trioptic :</b>	No
<b>Code - 93:</b>	Yes
<b>Code - 128 (A, B, C):</b>	Yes
<b>EAN-8:</b>	Yes
<b>EAN-13:</b>	Yes
<b>EAN -128 / UCC-128:</b>	Yes
<b>GS1 DataBar:</b>	Yes
<b>Intelligent Mail:</b>	No
<b>ISBN:</b>	Yes
<b>ISBT - 128:</b>	No
<b>ISSN:</b>	No
<b>ITF-6:</b>	Yes
<b>ITF-14:</b>	Yes
<b>KIX code:</b>	No
<b>Matrix 25:</b>	No
<b>MSI:</b>	No
<b>MSI - Plessey:</b>	Yes
<b>Pharmacode - One Track:</b>	No
<b>Pharmacode - Two Track:</b>	No
<b>Planet:</b>	No
<b>Plessey:</b>	Yes
<b>Post - Australian (4-State Postal Code):</b>	No
<b>Post - China (4-State Postal Code):</b>	No
<b>Post - Japanese (4-State Postal Code):</b>	No
<b>Post - Singapore (4-State Postal Code):</b>	No
<b>PostNET:</b>	No
<b>Royal Mail (RM-4SCC):</b>	No
<b>Telepen Code:</b>	No

<b>UK/Plessey:</b>	No
<b>UPC - A:</b>	Yes
<b>UPC - E:</b>	Yes
<b>UPC - E1:</b>	No
<b>Barcodes 2D:</b>	<b>Barcodes 2D:</b> QR, Micro QR, PDF417, Micro PDF417, DataMatrix , AZTEC etc
<b>Aztec:</b>	Yes
<b>Composite code:</b>	No
<b>DataMatrix:</b>	Yes
<b>MaxiCode:</b>	No
<b>Micro PDF 417:</b>	Yes
<b>Micro QR Code :</b>	Yes
<b>PDF 417:</b>	Yes
<b>QR Code :</b>	Yes
<b>RSS:</b>	No
<b>TLC-39:</b>	No
<b>Housing material:</b>	ABS+TPR
<b>Dimensions:</b>	85 x 30 x 18mm
<b>Weight:</b>	38g

**522,23 zł**

net price: 424,58 zł

# MobiScan H6280W

## QR 2D



The company's **MobiScan** new distribution of Mobilator. Company achieved an excellent reputation as a manufacturer of bar code scanners. Due to the high position of the products in the high-tech won the trust of many customers around the world.

**MobiScan**

The bar code scanner is a device that allows read with barcodes from boxes or devices. Business accessories MobiScan H6280W porduktu guarantee high quality and serve for many years without any loss of quality.



### MobiScan H6280W

Barcode scanner	<b>640*480 2D CMOS 30fps</b>
Working time	10h (continuously working)
Support system	Android, iOS, Windows 7, Windows 8, Windows 9, Windows 10, Linux, MAC
Range	50m BT and 100m 2.4GHz
Communication	Bluetooth 4.0 + 2.4GHz RF wireless + USB
Memory	16MB / Store 10K barcodes
Dimensions	85x30x18mm
Weight	38g

The detailed specification of the configuration available in the **"Technical data"**

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MobiScan H6280W is small size and powerful new generation barcode scanner. It design for picking and sorting application ,enable your operator to free hand and improve operational efficiency in your warehouse,distribution center and retail store. You never need setting an item down to check paper work order or picking up handheld scanner. Operator even no need to put heavy pakage to the desktop for scan ,it will save more time and physical strength. Compare with common wired handheld scanner, MobiScan H6280W wearable scanner can increase 15% -30% productivity!



MobiScan H6280W intelligent and ergonomic, handheld barcode reader will facilitate the work magazynierom, mobile and stationary retailers, pharmacists, couriers and logistics, quality controllers and inspectors of manufacturing processes and all those who need to work cataloging and storing the information read from the barcode .

2D Barcode Laser Scanner - MobiScan H6280W through Bluetooth module (which provides reliable communication) is compatible with mobile devices, data collectors and computers running on different operating systemch (see the text "Communication" - below).

The scanner enable operator to move package ,products and materials,helping to increase more efficiency. It is very comfortable to wear it in whole working day ,with high performance laser scan engine ,even poor printed barcodes can be read. The rugged rubber shell make daily use reliable even in the roughest environments.

Equipped with a battery with sufficient capacity 450mAh, which allows the scanner to work about 10 hours in scan mode (continuously working).



The present device has a built-1D/2D barcode reader that connecting via Bluetooth with your device. It provides information such as the name of the product, the type, approximate value, availability, and also allows for quick and convenient automatic grouping of data.





## 1D/2D SCANNER



Designed to be tailored to different applications, wireless (Bluetooth) barcode scanner can be compatible with Android, iOS, Windows 7, Windows 8, Windows 9, Windows 10 and Linux. Users can send data directly to a PC or in real time to mobile devices.



Portable (radio and bluetooth-aid) barcode readers using laser technology are comfortable and easy to use, with wide possibilities to set parameters. Enable automatic operation and manual. Read codes with different contrasts with a distance of several centimeters. The use of wireless communication (Bluetooth or radio) offer a range of up to 50m from the computer.

### **The device uses the HID interface**

To scanner devices need to use the right software to a Bluetooth port collect data and display them in window of the user. The scanner is connected to the USB port and working in the so-called POS mode needs further appropriate driver, which once installed in the system creates a virtual port number specified - the so-called virtual COM port driver.

Most of the users is a (mistaken) belief that each scanner connected to a computer will send data, which can be further processed such as Notepad or MS Word. That's not true. To do so, use the scanner with the so-called keyboard emulation - connected to a computer via USB, but the scanner must be working in a standard USB HID (**Human Interface Device**) otherwise known as Low Speed USB also. In this way the data is sent to the computer in exactly the same way as does a USB keyboard. Hence the term emulation keyboard.

If we have the right scanner (USB HID) - when barcode in fact our introduce to Word or Notepad in the form of digits or in any place where we can place the cursor or wpisać text data. Scanners USB HID usually do not require additional drivers, as the drivers for HID devices are standard in Windows.

### **Bluetooth Low Energy (BLE)**

Bluetooth Low Energy is a wireless, low-power personal area network that operates in the 2.4 GHz ISM band. Its goal is to connect devices over a relatively short range. BLE was created with IoT applications in mind, which has particular implications for its design. For example, IoT devices tend to be constrained and require extended battery use, so BLE favors low power



## Compliance standards and tests performed

Work Temp.	-20° do 55°C
Storage Temp.	-40° do 80°C
Humidity	5% do 95%
Resistance	IP41
Drop	1.5m

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## Resistance IP41

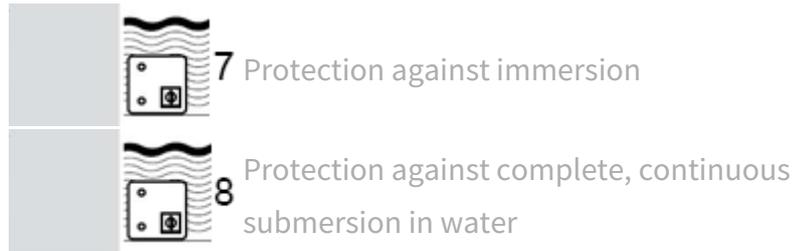
The IP Code, International Protection Marking. IEC standard 60529, sometimes interpreted as Ingress Protection Marking, classifies and rates the degree of protection provided against the intrusion (including body parts such as hands and fingers), dust, accidental contact, and water by mechanical casings and electrical enclosures. It is published by the International Electrotechnical Commission (IEC).

The first digit [x] Protection against solid objects	Protection Level	The second digits [y] Protection against liquids
No special protection	0 	0 No special protection
Protection from solid objects greater than 50mm in diameter	1 	1 Protection from dripping water
Protection from object not greater than 12mm in diameter	2 	2 Protection from vertically dripping water (tilted up to 15°)
Protection from object not greater than 2,5mm in diameter	3 	3 Protection from sprayed water (tilted up to 60°)
Protection from object not greater than 1mm in diameter	4 	4 Protection from splashed water
Complete protection against contact, Protection against dust deposit	5 	5 Protection from water projected from a nozzle
Complete protection against contact, Protection from infiltration of dust	6 	6 Protection against heavy seas, or powerful jets of water

The first digit [x]  
Protection against solid objects

Protection  
Level

The second digits [y]  
Protection against liquids



MobiScan H6280W - mini barcode scanner 1D/2D - Ring - Bluetooth which the manufacturer recommends widely used in situations where it is necessary to rapidly identify the goods in commerce, logistics, transport, shipping, industrial, financial and public sectors.

## Accessories

MobiScan H6280W comes standard with USB cable (0,9m), USB dongle (2.4GHz RF wireless) and fingerband.



