

QR 2D



MobiScan
H428W



MobiScan H428W - portable mini 2D barcode reader (connection via Bluetooth and RF wireless)

Category:	Mobile 1D/2D barcode scanner
Manufacturer:	Mobilator
Supported Operating Systems:	Android, iOS, Windows XP, Windows 7, Windows 8, Windows 9, Windows 10, Linux, MAC
Internal memory:	16MB
Operation Voltage:	Working Voltage: DC 3.7V / Power: 390mA (Max), 300mA (working), 20mA (standby)
Reading indicator:	1D/2D
Dimensions:	108 x 48 x 28mm
Weight:	70g
Battery:	1100mAh
Housing material:	Plastic
Scan rate:	200 times/s
Light source:	624nm, Visible red LED, white LED
Resolution:	5mil
Communication distance:	15m BT, 80m 2.4GHz RF

Readable codes:	2D: QR, PDF417, Data Matrix, Aztec, Maxi code etc. 1D: UPC-A, UPC-E, EAN-8, EAN13, JAN, Code128, GS1-128, ISBT-128, Iterleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5, Code 39, Code 39 Full ASCII, Code32, ISBN, Code 93, MSI, Code11, GS1
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Sensor:	640x480 2D CMOS 30fps
Scan Angle:	Rotation 360°, tilt ± 60°, skew ± 60°
Print Contrast Ratio:	Min. Contrast: 30%
Scan range:	30-400mm
Cable Type:	USB
Battery Life:	8-10h (continuously working)
Communication:	Bluetooth 4.0 + 2.4GHz RF + USB
Interface/ Prole:	HID + BLE + SPP
Operating Temperature:	-20°C ~ 60°C
Storage Temperature:	-40°C ~ 85°C
Relative Humidity:	5% ~ 95%, non-condensing
Resistance IP:	---
Drop test:	1.8m Drop
Barcodes 1D:	Barcodes 1D: UPC-A, UPC-E, EAN-8, EAN13, JAN, Code128, GS1-128, ISBT-128, Iterleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5, Code 39, Code 39 Full ASCII, Code32, ISBN, Code 93, MSI, Code11, GS1 Databar, Codabar, PLESS
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2 of 5 Chinese:	No
2 of 5 Discrete:	No
2 of 5 IATA:	No

2 of 5 Industrial:	Yes
2 of 5 Interleaved:	Yes
2 of 5 Matrix:	Yes
2 of 5 Standard:	Yes
BC - 412:	No
Bookland EAN:	No
Codabar:	Yes
Codabar - NW7:	No
Code - 11:	Yes
Code - 11(USD-8):	No
Code - 32:	Yes
Code - 39:	Yes
Code - 39 Extended (full ASCII):	Yes
Code - 39 Trioptic :	No
Code - 93:	Yes
Code - 128 (A, B, C):	Yes
EAN-8:	Yes
EAN-13:	Yes
EAN -128 / UCC-128:	No
GS1 DataBar:	Yes
Intelligent Mail:	No
ISBN:	Yes
ISBT - 128:	Yes
ISSN:	No
ITF-6:	No
ITF-14:	Yes
KIX code:	No
Matrix 25:	No

MSI:	Yes
MSI - Plessey:	No
Pharmacode - One Track:	No
Pharmacode - Two Track:	No
Planet:	No
Plessey:	Yes
Post - Australian (4-State Postal Code):	No
Post - China (4-State Postal Code):	No
Post - Japanese (4-State Postal Code):	No
Post - Singapore (4-State Postal Code):	No
PostNET:	No
Royal Mail (RM-4SCC):	No
Telepen Code:	No
UK/Plessey:	No
UPC - A:	Yes
UPC - E:	Yes
UPC - E1:	No
Barcodes 2D:	Barcodes 2D: QR, PDF417, Data Matrix, Aztec, Maxi code etc.
Aztec:	Yes
Composite code:	No
DataMatrix:	Yes
MaxiCode:	Yes
Micro PDF 417:	No
Micro QR Code :	No
PDF 417:	Yes
QR Code :	Yes
RSS:	No
TLC-39:	No

Product from the Archive - production finished

QR 2D



MobiScan

H428W



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 H428W porduktu guarantee high quality and serve for many years without any loss of quality.



MobiScan H428W	
Barcode scanner	640*480 2D CMOS 30fps
Working time	8-10h (continuously working)
Support system	Android, iOS, Windows XP, Windows 7, Windows 8, Windows 9, Windows 10, Linux, MAC
Range	15m BT and 80m 2.4GHz RF
Communication	Bluetooth 4.0 + 2.4GHz RF wireless (USB dongle) + USB
Dimensions	108x48x28mm
Weight	70g
The detailed specification of the configuration available in the "Technical data"	

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MobiScan H428W 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 H428W wearable scanner can increase 15% -30% productivity !

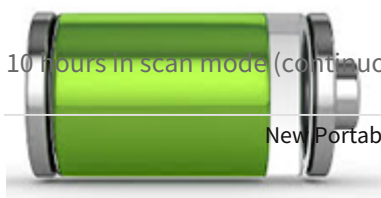


MobiScan H428W intelligent and ergonomic, handheld barcode reader will facilitate the work magazynierom, mobile and stationary retailers, pharmacists, couriers and logistics, quality controllers and inspectors of manufacturing processes and all those who need to work cataloging and storing the information read from the barcode .

2D Barcode Laser Scanner -MobiScan H428W 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.

With a battery with sufficient capacity 1100mAh, 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 60°C
Storage Temp.	-40° do 85°C
Humidity	5% do 95%
Light Immunity	0~100,000Lux
Drop Test	1.8m

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MobiScan H428W - 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 H428W comes standard with USB cable and USB dongle (2.4GHz RF wireless).



