



## SCANMATIC

### 1D - 2D Barcode Scanner

SCANMATIC is the range of 1D (SM410) and 2D (SM420) professional barcode scanners designed to offer the best of the experience to user, in terms of speed, simplicity of use and mistakes absence. SCANMATIC readers have a modern design with a rugged housing, IP42 protection and they guarantee unique performances. Thanks to the optional stand it is possible to use the reader hands-free. In addition to sustain the scanner, the stand permits to activate "intelligent activation" function thanks to which it is possible the barcodes automatic scan, when presented in front of the reader. In the 2D version SCANMATIC guarantees an exceptional operation speed not having to orient the code for reading.



#### CHARACTERISTICS

- Easy installation thanks to pre-setting
- Great reading performance on labels and in environments with poor light
- IP42 protection
- Optional stand to ease the hands-free reading
- Automatic detection with the "intelligent activation"

#### AVAILABLE VERSIONS

- **SM410:** 1D scanner
- **SM420:** 2D scanner

## ACCESSORIES

- Stand

## What is in the box:

- **SM410:** Device + serial cable, quick guide, power supply 5V, USB cable, USB power cable lenght 120cm, RJ45/DB9 cable converter lenght 25cm
  - **SM420:** Device + USB cable, quick guide
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## TECHNICAL SHEET

	1D SM410	2D SM420
<b>Interfaces</b>	USB/ RS232	
<b>Supported Barcodes</b>	All UPC / EAN / JAN, EAN128 Code, Code 39, Code 39 Full ASCII, Code 32/Italian Pharmacy, Code 128, CODABAR / NW7, Interleave 25, Industrial 25, MSI / PLESSEY, Code 93, GS1 DataBar Omnidirectional & Stacked, GS1 DataBar Limited, GS1 DataBar Expanded & Stacked	<b>1D:</b> UPC-A, UPC-E, EAN-8 / JAN-8, EAN-13 / JAN-13, Code 39, Code 128, Interleaved 25, Industrial 25, Matrix 25, Codabar / NW7, Code 93, China Posta, MSI / Plessey, Telepen, GS1 Databar Omni-direzionale, GS1 Databar Limited, GS1 Databar Expanded Opzione: Aztec, Micro PDF 417, Micro QR Code, Han Xin Code, GM Code <b>2D:</b> Data Matrix, PDF 417, QR Code Option: Aztec, Micro PDF 417, Micro QR Code, Han Xin Code, GM Code

## OPTICAL

<b>Optical sensor</b>	CCD linear sensor	CMOS sensor
<b>Light</b>	LED red light 635±5nm	LED white leg
<b>Resolution</b>	4mil / 0.1mm @ PCS90%, Code39	3 mil / 0.076mm @ PCS90% Code39 8mil / 0.2mm @ PCS90% QRCode
<b>Scan Speed</b>	Up to 500 scans/sec	60 fps (at full resolution)
<b>Sealing</b>	IP42 water and dust resistance	
<b>Indicator</b>	Beep and LED	-
<b>Print Contrast</b>	25% minimum	PCS30% @ 5mil / 0.127mm
<b>Reading Distance</b>	Up to 550mm @ 20mil / 0.5mm, PCS90%, Code39	250mm @ 20mil / 0.5mm, PCS90%

## OTHER DATA

<b>Power Consumption</b>	110 mA
<b>Power Supply</b>	+5V RS232 - USB +5V
<b>Operating Temperature</b>	0°C to 50°C (32°F to 122°F)
<b>Drop Resistance</b>	180 cm
<b>Materials</b>	ABS / Rubber
<b>Dimensions</b>	73.50 mm (W) x 173 mm (L) x 76.2 mm (H)
<b>MTBF</b>	50.000 hours

## MODELS

**995ED030300233**

SCANMATIC SCANNER BARCODE  
2D SM420

**994ED030300233**

SCANMATIC SCANNER BARCODE  
1D SM410 + KIT

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