

VEGA Area Imager
V-1020 / V-1020BT
(Preliminary)

The new style in handheld bar code scanning!

The VEGA handheld bar code scanner series, with an extensive range of models, represents the new style in handheld bar code scanning. It is a modern and ergonomically designed scanner which offers an outstanding reading performance. The VEGA Area Imager reads all type of common 1D and 2D bar codes including GS1 DataBar, stacked codes like PDF417 and Postal codes regardless of orientation. With a reading distance up to 44 cm, a scan speed up to 200 scans/sec in linear mode and 56 images/sec. in 2D mode, the VEGA guarantees the best scan performance in its class and makes scanning very easy.

The VEGA Area Imager is available with a number of interfaces and Bluetooth technology for the wireless model, which offers the ultimate solution for applications where mobility is required. With this there is always a solution to connect the VEGA to your system. The stand or cradle (for wireless models), interface cable and power supply (if applicable) are included as standard, so it's "ready to go". The known Scantech reliability for scanners, with high MTBF times, ensures a care free use for many years to come. It may be said that the VEGA is a high performance handheld scanner, which offers the most modern and versatile handheld scanning solution for every point of sale environment.

SCANTECH ID

Specifications:

Readable symbologies

1D/ Linear codes	1D/ Linear codes Codabar, Code 11, Code 39, Code 93, Code 128, EAN 8/EAN13, EAN 128/UCC, GS1 DataBar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2 of 5, ISBN, ISSN, MSI/ PLESSY, Telepen, UPC A/UPC E
2D/Stacked Codes	Datamatrix, Aztec, PDF417, MicroPDF417, Postal Codes, Maxicode, QR, UCC/EAN Composite

Physical Characteristics

Weight	Approx 150 gr.
Material	ABS Plastic
Connector	RJ 45C 10Pins
Dimensions	186.8 mm x 81.6 mm x 63.9 mm

Operational

Light source	Visible Red light 650nm + 10nm
Scan rate	200 scans/sec auto adaptive in linear mode. 56 images/sec auto adaptive in 2D mode.
Optical resolution	752 Horizontal x 480 Vertical pixels, 256 gray levels.
Scan angle	38° Horizontal, 25° Vertical
Interface	RS232, USB
Indicators (led)	Green = good read

Electrical Characteristics V-1020 wired models

Operating Voltage	5 VDC ±5%
Current Operating	450 mA (max) @ 5 VDC
Current Standby	37 mA typical @ 5 VDC
AC transformers	5.2 VDC @ 650 mA / Input AC 100-240V

Electrical Characteristics V-1020BT wireless models (preliminary)

Battery	TBA
Charge time	TBA
Reads per charge	TBA
Cradle indicator leds	Battery charging: red, Charge Completed: off, Communication: blue
Operating Current	TBA
AC transformers	5 VDC @ 2A / Input AC 100-240V

Bluetooth Characteristics (preliminary)

Bluetooth module	Bluetooth V2.0 Standard
Frequency Band	2.40 GHz ~ 2.48 GHz
Modulation Method	GFSK for 1Mbps
RF Output Power	Class 2 (under 4 dBm)
Bluetooth Range	Class 2 up to 10 m / 33 ft (Open Air)

Environmental

Operating Temp.	0°C to 50°C (32°F to 122°F)
Storage Temp.	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	20 to 95% non-condensing
Ambient light	0 - 100,000 LUX

Regulatory of Compliance

FCC
CE
RoHs





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product design award 2009



Specifications may change without prior notice