



## VEGA Area Imager V-1010 / V-1010BT



### Introduction

#### ***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. With a reading distance up to 270 mm and a scan speed of 700 scans/sec, the VEGA guarantees the best scan performance in its class and makes it very easy to scan all type of common 1D bar codes including GS1 DataBar linear codes.

The VEGA Linear 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.

## Features

- Most modern, versatile and ergonomic hand held scanner for every point of sale environment.
- A reading distance up to 44 cm, scan speed of 200 scans/second linear mode and 56 images/second in 2D mode guarantees an outstanding scan performance.
- Reads all common 1D and 2D barcodes regardless of orientation.
- Extensive range of models: wired, wireless (Bluetooth) and all common interfaces.
- Bluetooth range up to 100 m.
- Exchangeable top cover, making it possible to present commercial messages in a very cost-efficient way.

## Specification

### VEGA V-1010 CCD Scanner

#### Physical Characteristics

Weight	Approx. 240 gr. (incl. cable)
Material	ABS Plastic & Rubber
Dimensions (L x W x H)	186.8 mm x 81.6 mm x 63.9 mm

#### Electrical Characteristics

Voltage	5VDC $\pm$ 5%
Operating Current	140 mA @ 5 VDC
Reading Indicator	Beeper and LED
Cable	Straight 1.5 m / 5 ft
Interface	RS232/USB/KBW

#### Scanner Characteristics

Sensor	Linear Imager
Light Source	639 nm red LED
Depth Of Field	270 mm
Resolution	0.1mm (4mil) @ PCS 0.9
Ambient Light	100,000 Lux Max. (Sunlight)
Barcode types	Codabar, Code 11, Code 39, Code 93, Code 128, EAN 8/EAN13, EAN 128, GS1 DataBar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, ISBN, ISSN, MSI/PLESSY, China Postage, Telepen, UPC A/UPC E
Scan Rate	700 scans/second $\pm$ 10%

#### Environmental

Operating Temp	0 °C to 50 °C
Storage Temp	-20 °C to 60 °C
Relative Humidity	20% to 85% (Non-condensing)
Drop resistance	Withstands multiple drops of 1.0 m on concrete surface

#### Regularity of Compliance

CE, FCC and RoHS.

### VEGA V-1010 Linear Imager with Bluetooth

#### Physical Characteristics

Scanner/Cradle Weight	Approx. 195 gr. / 145 gr.
Material	ABS Plastic & Rubber
Scanner Dimension (L x W x H)	186.8 mm x 81.6 mm x 63.9 mm
Cradle Dimensions (L x W x H)	123.9 mm x 120 mm x 71.4 mm

#### Electrical Characteristics

Voltage	5VDC $\pm$ 5%
Operating Current	180 mA / 800 mA
Reading Indicator	Beeper and LED
Battery	Lithium-ion 3.7 V / 1400 mA
Battery Full Charge time	4,5 hours
Scan times per Battery full charge	Reads per charge 30.000 reads
Interface	RS232/USB/KBW
Cable	Straight 1.5 m / 5 ft

#### Scanner Characteristics

Sensor	Linear CCD
Light Source	639 nm red LED
Depth Of Field	270 mm
Resolution	0.1mm (4mil) @ PCS 0.9
Ambient Light	100,000 Lux Max. (Sunlight)
Scan Rate	700 scans/second $\pm$ 10%

#### Bluetooth Characteristics

Bluetooth Module	Bluetooth V2.0 Standard
Frequency Band	2.402GHz ~ 2.480GHz
Modulation Method	GFSK for 1Mbps
RF Output Power	Class 2 (under 4 dBm) Class 1 (under 20dBm)
Bluetooth Distance Range	Class 2 up to 10 m / 33 ft (open air) Class 1 up to 100 m / 330 ft (open air)

#### Environmental

Operating Temp	0 °C to 50 °C
Storage Temp	-20 °C to 60 °C
Relative Humidity	20% to 85% (Non-condensing)
Drop resistance	Withstands multiple drops of 1.0 m on concrete surface

#### Regularity of Compliance

CE, FCC and RoHS.

Due to Champstek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.