

Longview LV1000

1D CCD Barcode scanner engine



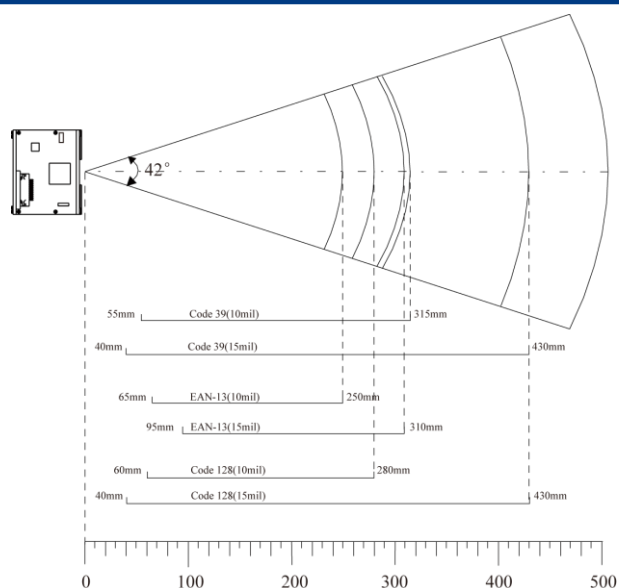
Designed for OEM applications, this high performance CCD scan engine can easily be integrated into various solutions such as kiosks, ticketing machines, PDA's and many more.

Product Features

- **Ease of integration**

Compact (smaller than a paperclip) and easy to integrate design, image capture device with decoder on one board. The small form factor enables easy integration into various solutions.

Decode Zones



Specifications

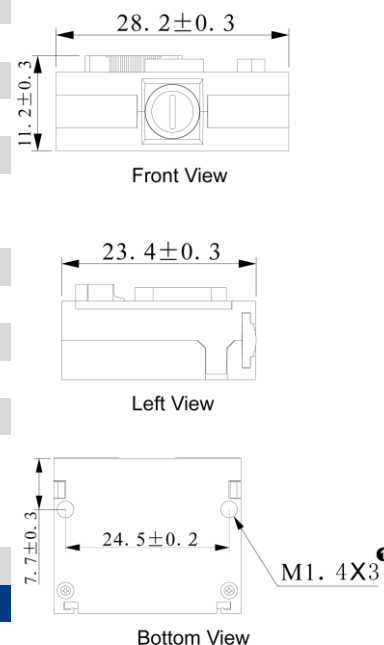
Performance		
Interface		TTL232
Image Sensor		CCD
Resolution		2500
Scan Rate		up to 300 scans/sec
Decode Rate		200 decodes/sec (default)
Symbologies		Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E,Codabar,Inte rleaved 2 of 5,ISBN/ISSN,Code 93, etc.
Precision		≥ 5mil (Condition:PCS=0.9, testing code: Code 39)
Light Source		LED(622 nm - 628 nm)
Light Intensity		265 LUX (130 mm)
Depth of Scan Field		40mm-430mm
Print Contrast Signal		≥ 30%
Sensitivity**	Pitch	±65°@ 0°Roll and 0° Skew
	Roll	±30°@ 0°Pitch and 0° Skew
	Skew	±60°@ 0°Roll and 0° Pitch
Illumination		0 ~ 100,000 LUX
Mechanical/ Electrical		
Power Consumption		0.33W
Voltage		DC 3.3 V
Current	Working	150mA(Max)
	Idle	45mA
	Sleep	1 mA
Weight		6g
Environment		
Operate Temperature		-20℃ - +60℃
Storage Temperature		-40℃ - +85℃
Humidity		5% - 95% (non-condensing)
Certificates		
FCC Part15 Class B, CE EMC Class B		
Accessories		
Evaluation Kit		The Evaluation Kit for LV1000, with trigger, beep functions and USB, RS232 interfaces.
Flex Cable	RS232 Cable	This cable connect to the RS232 port of EVK1000. With a standard female RS232 port to connect to standard male RS232 port.
	USB Cable	With a power port to accept power adapter supply. This cable connects to the USB Slave port of LV1000 with a USB-B male port. With a standard USB Slave port to connect to standard USB Host port.
Power Adapter		The power adapter for EVK1000 by RS232 Cable. Output: DC5V, 2A; Input: AC100~240V, 50~60HZ

**Test Condition:

Code39: 3 Bytes ; Resolution = 10mil; W:N = 3:1 ; PCS = 0.8 ;

Barcode Height = 11mm; Distance = 120mm; T=23°C; Illumination= 200 LUX

Dimension (Unit: m)



① Note:Machine Skew Diameter=1.4mm, Depth≤3mm

Contact Us

Ms Yaping Wang

Longview Technology Development Co., Ltd.

Address: 14-Layer tongjian buildings 2

,Shennan Road, Futian District,

Shenzhen City,guangdong,china

T:+86 755 83233013 813

Phone: +86 0 13480605108

F: +86 755 83231805

E:wyp@lvscan.com

WEB: <http://www.aliexpress.com/store/804403>