

FM-100S

1D Barcode Scanner

1D

CCD

TTL

USB



Features

◆ Ease of integration.

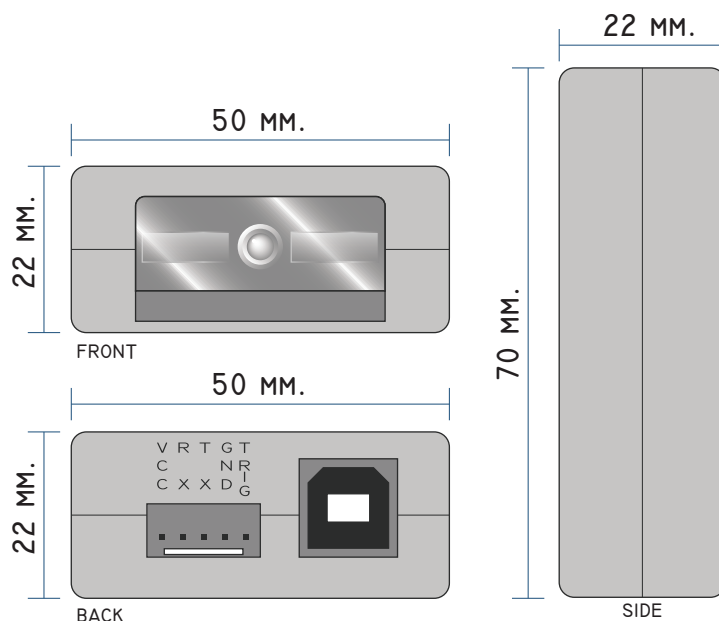
Compact (smaller than a paperclip) and easy to integrate design, image capture device with decoder on one board. The small form factor enables easy integration into various solutions.

◆ Advance Technology.

Includes core-technology uIMG, which is independently designed and manufactured by Newland Auto-ID. uIMG Technology includes the optical, CMOS, digitizer, decoder, image processing & embedded systems. Supports all global standard 1D barcode symbologies. Reading performance reaches global standard. By using accessories provided, scan all kinds of barcodes defined by customers.

◆ Intelligent Focus.

Advanced optical focusing system which senses the ambient environment and adjusts the optical automatically for a quick reading response.



Tolerance ± 2 MM.


Application Scenarios

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.

FM-100S

1D Barcode Scanner

Performance	Interface		TTL / USB
	Image Sensor		CCD
	Symbologies	1D	Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E,Codabar,Interleaved 2 of 5,ISBN/ISSN,Code 93, etc.
	Resolution		2500
	Scan Rate		up to 300 scans/sec
	Decode Rate		200 decodes/sec (default)
	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		Roll: 30°, Pitch: ±65°, Skew: ±60°
	Illumination		0 ~ 100,000 LUX
Mechanical/ Electrical	Power Consumption		0.33W
	Voltage		DC 3.3V / DC 5.0V
	Current@5VDC	Working	160mA
		Idle	45mA
		Sleep	12mA
Environmental	Weight		16 g.
	Operating Temperature		-20°C~+60°C
	Storage Temperature		-40°C~+85°C
	Humidity		5%~95% (non-condensing)
Certificates	Scan engine inside only		FCC Part15 Class B, CE EMC Class B
Accessories	Evaluation Kit		The Evaluation Kit for EM1300, with trigger, beep functions and USB, RS232 interfaces.
	USB Cable		This cable connects to the USB Slave port of EM1300 with a USB-B male port.With a standard USB Slave port to connect to standard USB Host port.
	RS232 Cable		This cable connect to the RS232 port of EVK1300. With a standard female RS232 port to connect to standard male RS232 port.

Guide / Pointer **Big RED dot.** 

**Test conditions: Code 39; 3 Bytes; Resolution=10mil; W:N=3:1; PCS=0.8; Barcode Height=11mm; Scan Distance=120mm; T=23°C; Illumination = 200 lux.

Specifications are subject to change without notice.

Version: V1.0

100% Compatible with Electricities and Water Supply Bill of Thailand.

FMT Corporation Co.,Ltd.

Thailand Leading Vending Machine Supplier

49/293 Soi Vibhavadi-Rangsit 64 Yeak 13, Talat Bangkhen, Lak Si, Bangkok 10210

E-mail : fmt_sales@hotmail.com , Website : www.fmtcorp.co.th

Sale Dept.

Mobile : 6686-6889050 , +6689-6667578

Tel : 662-5218155-59

Fax : 662-52171567