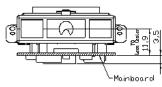
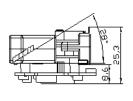
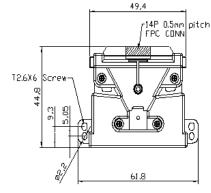


ARGOX

FM-201 Engine Bracket Mounting

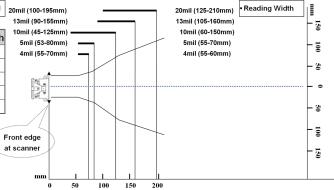






FM-201 Read Field Diagram Depth of Field 20mil (100-195mm)

Barcode PCS=90%	Data	Depth of Field	Reading Width
4mil (Code 39,1: 2.5)	09876	55-70mm	55-60mm
5mil (Code 39,1: 2.5)	01234	53-80mm	55-70mm
10mil (Code 39,1: 2.5)	ARGOX-123	45-125mm	60-150mm
13mil (Code 39,1: 2.5)	83MM CODE-39-1	90-155mm	105-160mm
20mil (Code 39,1: 2.5)	95MM -CODE	100-195mm	125-210mm





Argox FM-201 CCD Scan Engine

The FM-201 Scan Engine is a small decoder that can read all popular 1D barcodes. This device is comprised of two main parts: an optical system and a control board. The optical system is a 2048 pixel linear imager. The control board contains firmware to scan, decode and output barcode data.

The FM-201 Scan Engine is specifically designed for easy integration into your application devices. The control module supports RS232, Keyboard wedge and USB 1.1 interface.

- Compact size for customize decorder needs
- Durable CCD engine with excellent scanning performance
- Supporting read popular 1D barcodes
- Good read LED and adjustable beep sound available

_
ARGOX
Empower the Barcode
www.argox.com

Argox Information Co., Ltd

7F, No 126, Lane 235, Pao-Chiao Rd., Hsin Tien, Taipei, Taiwan, R.O.C.

Tel: +886-2-8912-1121 Fax: +886-2-8912-1124

Copyright © 2010. Argox Information Co. Ltd., All Rights Reserved

ø

Specifications	FM-201				
Scanning system	Red LED light source. 2048 pixels CCD.				
Resolution	4 mil (0.10mm)				
Scan angle	Pitch: ${\rm <60^{\circ}}$ (EAN13, 13mil, 35 mm wide , PCS=90%) Yaw: ${\rm <70^{\circ}}$				
	Ambient lux: 300 +/-30 lux (fluorescent lamp)				
	PCS = 90%				
	Resolution	Near field	Far field		
	4 mil (Code 39, 1:2.5) 5 mil (Code 39, 1:2.5) 10 mil (Code 39, 1:2.5) 43 mm 13 mil (Code 39, 1:2.5) 83 mm 20 mil (Code 39, 1:2.5) 95 mm 13 mil (UPC/EAN)	45 mm 45 mm 45 mm 90 mm 100 mm 45 mm	70 mm 80 mm 125 mm 155 mm 195 mm 155 mm		
	PCS =45%. (Argox Test Chart) < note 1>				
	Resolution	Near field	Far field		
Depth of field	4 mil (Code 39, 1:2.5) 5 mil (Code 39, 1:2.5) 13 mil (Code 39, 1:2.5) 20 mil (Code 39, 1:2.5) 13 mil (UPC/EAN)	X 45 mm 90 mm 105 mm 45 mm	60 mm 110 mm 140 mm 115 mm		
Scan rate	30~100 sacn/second, auto adaptive				
PCS	>= 45%				
Reading indication	Good read LED and adjustable beep sound (Add LED&Buzzer yourself)				
Symbologies	Code-11, Code-39, Code-93, Code-128, Codabar, EAN-8/13 (with add-on), UPC-A/E UPCE (with add-on). MSI/Plessey, UK/Plessey, Telepen Industrial 2 of 5, Interleaved 2 of 5, Standard 2 of 5, Matrix 2 of 5 Eur.China postage. Italian Pharmacy code (code-32).RSS-14, RSS-limited, RSS-expanded.				
Power supply	Operating range: 5 VDC +/-0.25 (Scanner only) Power consumption: Scanning: Max.: 250 mA (Test Mode) Typical: Max.: 200 mA (Momentary Mode) Standby: Max.: 60 mA				
Environments	Operating temp.: 0~50 °C Storage temp.: -20~+70 °C Ambient LUX.: 0~20000 Lux				

m