



THE EAGLE EYE

AI-6800 Series

1D BarCode Imager

AI-6800 Series is the first rugged 1D linear scanner in Argox. Industrial grade IP65 dust and water resistance with 1.8 meters safe drop distance protection. It will withstand sudden drops and a variety of collision. Unlike the stand design and look of industrial barcode scanners, AI6800L has more slick and ergonomic design for function and aesthetic.

AI-6800 Series is compatible to standard 1D linear barcode, it also remove any reflection interference from the LCD display. The stand unit can be placed on the flat surface or to wall mounted. Under Presentation-mode can also reduced the inconvenience while you are in the retail or packageing.

AI-6800 Series has high density resolution that can capture the code on 3mil barcode such as electronic label. To achieve more efficiency you want, the scan process is only in 0.0012 seconds.

AI-6800 Series, with long DOF designed that is capable of capturing 1D barcode in long distance. That will be suitable for retail, warehousing and logistic industry.

The era of Big Data is coming, AI-6800 Series comes with DataMagic data editing software to enhance your usability. It takes no time to complete the setting with the user-friendly UI design; you will be able to complete the data analysis in no time. You no longer will need to spend additional resource on System Integrated companies for job like this!

Application:

- Retail
- Pharmacy
- Medical Treatment
- Inventory
- Logistic
- Manufacturer
- Packaging

Features:

- **Precision & Efficiency:** Rapid reading speed at 700 scans per second. Three times the data transmission speed comparing to other scanners in its class.
- **Excellent performance:** Processing up to 3mil resolution barcode readability.
- **Electronic Device Readable:** Linear imager overcome the electronic scanning problem. Support all type of electronic device, such as mobile phone, tablet and LCD display.
- **Ruggedized:** Industrial grade IP65 dust and water resistance with 1.8 meters safe drop distance protection. It will withstand sudden drops and a variety of collision. AI-6800 will remain stable operation whether you use it for the outdoor or dusty environment.

Specifications		AI-6800L	AI-6800
Performance			
Light source		Red LED , Illumination 630nm LED	
Scan Pattern		Linear Imager (CCD)	
Indicator		LED, Beeper and Vibrator	
Interface		USB(HID/Virtual Com), RS-232	
Scan Angle		38°	39°
Contrast		30%	15%
Scan Rate		Up to 600 scans/sec	Up to 700 scans/sec
D.O.F		-	3mil, 55 ~ 85mm
		4mil, 65 ~ 105mm	4 mil, 55 ~ 115mm
		5mil, 50 ~ 125mm	5mil, 50 ~ 135mm
		10mil, 25 ~ 305mm	10mil, 35 ~ 310mm
		13mil, 30 ~ 415mm	13mil, 40 ~ 410mm
		20mil, 40 ~ 590mm	20mil, 45 ~ 565mm
		EAN13 , 13mil, 40 ~ 325mm	EAN13 , 13mil, 40 ~ 355mm
Symbologies	Linear	Code11,Code39,Code93,Code32(Phamaceutical),Code128,Codabar(NW-7), Interleaved 2 of 5, Industrial 2 of 5, IATA 2 of 5, Matrix 2 of 5, EAN/JAN-13, EAN/JAN-8, UPC-A, UPC-E, UPC-A/EAN-13 with Extended Coupon code, Tele pen, Plessey Code, GS1 Databar RSS14, GS1 Databar Limited, GS1 Databar, Omni directional, GS1 Databar Expanded, China Post	
	Stacked Linear	GS1 Databar Expanded Stacked,GS1 Databar RSS14 Stacked, C16K, CodaBlockF	
Electrical			
Input voltage		5VDC ±5%	
Operating power		215mA @ 5VDC Max(USB)	215mA @5VDC Max(USB)
Standby power		57mA @ 5VDC Typical(USB)	52mA @5VDC Typical(USB)
Environmental			
Operating Temperature		-10°C to 60°C (14°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Storage Temperature		-20°C to 70°C(-4°F to 158°F)	-30°C to 70°C (-22°F to 158°F)
Humidity		5% to 95% relative humidity, non-condensing	
Drop		1.8 M drop	
Contaminants		Seals to resist airborne particulate contaminants (IP65)	
Light level		0 ~ 100,000 lux	
Mechanical			
Dimensions		9.4x 7.6x 15.8 cm	
Weight		140g	
Regulatory Approvals			
		CE, FCC, BSMI	

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