



# THE EAGLE EYE

## AI-6800 Series

### 1D BarCode Imager

**AI-6800 Series** is the first rugged 1D linear scanner in Argox, with IP65 you can use it in severe environment like the Sahara desert or rain forests of Amazon with heavy humidity. Unlike the stand design and look of industrial barcode scanners, AI-6800 has more Stylish 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 Features:** IP65 allows you to performance scanning even in environment like a desert storm in Sahara or the monsoon of rainforest South Asia region that has high humidity. 1.8m drop resistance allows you to work in locations that are not safe for the user, however, the scanner will remain safe and sound.

Specifications		AI-6800L	AI-6800
<b>Performance</b>			
Light source		Red LED , Illumination 625nm LED	
Scan Pattern		Linear Imager	
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
		-	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(Pharmaceutical),Code128,Code bar, 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	
<b>Electrical</b>			
Input voltage		5VDC ±5%	
Operating power		215mA @ 5VDC Max(USB)	215mA @5VDC Max(USB)
Standby power		57mA @ 5VDC Typical(USB)	52mA @5VDC Typical(USB)
<b>Environmental</b>			
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	
<b>Mechanical</b>			
Dimensions		9.4x 7.6x 15.8 cm	
Weight		140g	
<b>Regulatory Approvals</b>			
		CE, FCC, BSMI	

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