



# THE EAGLE EYE

## AI-6801

### 1D BarCode Imager

**AI-6801** 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, AI-6801 has more slick and ergonomic design for function and aesthetic.

AI-6801 is compatible to standard 1D linear barcode, it also remove any reflection interference from the LCD display. Under Presentation-mode can also reduced the inconvenience while you are in the retail or packaging.

AI-6801 has high density resolution that can capture the code on 3mil barcode such as jewelry tag. To achieve more efficiency you want, the scan process is only in 0.0012 seconds.

AI-6801, 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-6801 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 SI companies for job like this!



#### Application:

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

#### Features:

- **Precision & Efficiency:** Rapid reading speed at 700 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.
- **User Friendly Data Collection Mode:** AI-6801 offers Data Collection mode with 7KB storage build in. When scanning is out of the receiving range, it can store the data then transmit in batch when the connection is back on.

#### Cradle- Features:

Smart Cradle

1. User friendly cable socket for difference positioning.
2. U-Shape LED indicator provides clear signal even in long distance.
3. Multi-function cradle: Data transmission, scanner charging and FW upgrade- 3in1.



Specifications		AI-6801
<b>Performance</b>		
Light source	Red LED, 625nm	
Scan Pattern	Linear Imager (CCD)	
Indicator	LED, Beeper and Vibrator	
Interface	USB, RS-232	
Operation mode	Handcuff mode, Data collection mode, Deep sleep mode, Auto-sensing mode	
Scan Angle	39°	
Contrast	15%	
Scan Rate	700 scans/sec	
D.O.F	3mil 55 ~ 75 mm	
	4mil 55 ~ 105 mm	
	5mil 45 ~ 125 mm	
	10mil 45 ~ 305 mm	
	13mil 50 ~ 405 mm	
	20mil 40 ~ 570 mm	
	EAN13 , 13mil, 43 ~ 335 mm	
Symbologies	Linear	Code11,Code39,Code93,Code32(Pharmaceutical),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
<b>Electrical</b>		
Battery	Rechargeable Li-Ion battery pack (3.7V, 2200mAh, 9.25Wh) Up to 55 hours (10 sec / scan) of operation	
Battery Charge Time	Power adapter : 4.5 hours USB cable : 6.5 hours	
Power Input	5VDC ± 5% / 1A	
<b>Environmental</b>		
Operating Temperature	-20°C to 60°C (-4°F to 140°F)	
Storage Temperature	-20°C to 70°C (-4°F to 158°F)	
Humidity	5% to 95% related humidity, non-condensing	
Drop	Withstands multiple 6 ft./1.8 m drops to concrete	
Contaminants	Seals to resist airborne particulate contaminants (IP65)	
Light level	0 ~ 100,000 lux	
<b>PHYSICAL CHARACTERISTICS</b>		
Dimensions	Scanner 9.4x 7.6x15.8 cm Cradle:13x8.8x9.5 cm	
Weight	Scanner : 200g (Battery included) Cradle: 130	
<b>Regulatory Approvals</b>		
EMI/RFI	CE, FCC, BSMI	
Radio	Bluetooth™, Class 1(100M, in open area), Version 2.1 + EDR, Data rate — up to 3 Megabits/sec	

\*Argox reserves the right to enhance and modify the specification without prior notice.  
Please check Argox sales representative for most updated specifications.

#### Argox Information Co., Ltd.

7F., No.126, Ln.235, Baoqiao Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)  
Tel: +886-2-8912-1121 Fax: +886-2-8912-1124 <http://www.argoxx.com> <https://www.youtube.com/user/argoxmkt> email:service@argox.com  
Copyright © 2018. Argox Information Co., Ltd. All Rights Reserved.

