ARGOX
a SATO company

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 aethetic.

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. It will withstand sudden drops and a variety of collision. AI-6801 will remain stable operation whether you use it for the outdoor or dusty environment.

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
Performance		
Light source		Red LED, 625nm
Scan Pattern		Linear Imager (CCD)
Indicator		LED, Beeper and Vibrator
Interface		USB, RS-232
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
Electrical		
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
Environmental		
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
PHYSICAL CHARACTERISTICS		
Dimensions		Scanner 9.4x 7.6x15.8 cm Cradle:13x8.8x9.5 cm
Weight		Scanner : 200g (Battery included) Cradle: 130
Regulatory Approvals		
		CE, FCC, BSMI