



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 |
|-----------------------------|----------------|---|--------------------------------|
| Performance | | | |
| 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 | |
| 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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