The Eagle Eye 6800
1D Barcode Scanner

Features

- **Longevity:** Backed by a 5-year warranty, and tested to a 6ft. drop resistance and IP65 sealing, the Eagle Eye 6800 performs exceptionally well in the harshest of environments.

- **Higher Read Rates:** Improve scan accuracy and employee productivity with a wide scan angle, a bright aimer and the ability to scan 3 mil bar codes.

- **Scan Performance:** Powerful linear imager reads all 1D bar codes up to 700 scans/sec enabling your enterprise to work faster and more efficiently.

- **Ease of Use & Compatibility:** Plug and play with many hardware and operating systems when using it as a keyboard wedge or USB Virtual COM.

- **Cold Environments:** Perfect for those cold controlled environments or outdoor applications where temperatures can plummet to -4°F.

- **Easy Integration:** Create a custom data stream using the Data Magic software; affording full control over the scanner's processing ability to read all scanned data, but output only what data is needed.

- **Versatile Reading:** Read bar codes in direct sunlight or printed barcodes down to a 15% contrast level.

Application

- Retail
- Pharmacy
- Healthcare
- Warehousing
- Inventory
- Logistics
- Manufacturing

PERFORMANCE CHARACTERISTICS

Scan Pattern
Linear Imager

Light Source
Red LED, Illumination 625nm LED

Interface Supported
USB(HID/Virtual Com), RS-232

Scan Angle
39°

Print Contrast
15%

Scan Rate
Up to 700 scans/sec

Indicator
LED, Beeper and Vibrator

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

READING RANGES

Typical Depth of Field
3.0 mils: 2.16 - 3.34" / 55 - 85 mm
4.0 mils: 2.16 - 4.52" / 55 - 115 mm
5.0 mils: 1.96 - 5.31 " / 50 - 135 mm
10.0 mils: 1.37 - 12.20" / 35 - 310 mm
13.0 mils: 1.57 - 16.14 " / 40 - 410 mm
13.0 mils (EAN13): 1.57 - 13.97 " / 40 - 355 mm
20.0 mils: 1.77 - 22.24 " / 45 - 565 mm

Note: Specifications subject to change without notice

PHYSICAL CHARACTERISTICS

Dimensions
3.70" (94 mm) x 2.99" (76 mm) x 6.22" (158 mm)

Weight
0.30 lbs. (0.14 kg)

ENVIRONMENT CHARACTERISTICS

Operating Temperature
-4°F to 140°F (-20°C to 60°C)

Storage Temperature
-22°F to 158°F (-30°C to 70°C)

Humidity
5% to 95% relative humidity, non-condensing

Drop and Tumble Specifications
Withstands multiple 6 ft/1.8 m drops
1,500 1.6 ft./0.5m tumbles (IEC 60068-2-31)

Contaminants
Seals to resist airborne particulate contaminants (IP65)

Light Level
0 - 100,000 lux

REGULATORY APPROVALS

CE, FCC, BSMI

ELECTRICAL CHARACTERISTICS

Input Voltage
5VDC ±5%

Operating Power
215mA at 5VDC Max(USB)

Standby Power
52mA at 5VDC Typical(USB)

WARRANTY

5 year warranty

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