

# AW-6800

## 2D Desktop Area-Imaging Scanner



### Appearance



### Physical

Interface	USB / RS232
Voltage	5VDC± 5%
Current(Typical)	270mA ( 5 VDC)
Current(Max)	320mA ( 5 VDC)
Standby Current	170mA ( 5 VDC)
Power Consumption(Typical)	1350mW
Dimension	88(W)×86(D)×139(H) mm
Color	Black / White
Net Weight(approx)	260g
Country Keyboard Layout	Multiple Country Keyboard Layout
Indicator	LED, Beeper

### Performance

Image Sensor	CMOS 640×480
Light Source	RedLED + InfraredLED
Scan Angle	Skew±60° Pitch±60° Roll 360°
FOV	D=56° H =42° V =33°
Resolution	≥3.9mil
Minimum Print Contrast	≥20%

### Environment

Operating Temperature	0 °C ~ 50°C
Storage Temperature	-20°C ~ +70°C
Humidity	5% ~ 95% (Non-Condensing)
Drop	with stands multiple 1.2m drops to concrete.
IP rating	IP50

### Decode Capacity

1D	Codabar、Code 11、Code 128、Code39、Code 93、EAN-8、EAN-13、GS1 DataBar、UPC-A、UPC-E、Interleaved 2 of 5、Industrial 2 of 5、Matrix 2 of 5、Straight 2 of 5 IATA、MSI Plesse
2D	Aztec Code、HANXIN、Maxicode、CodablockF、DataMatrix Code (.DPM)、PDF417、Micro PDF417、QR Code、Micro QR Code、DOT Code、GridMatrixCode

ESD EN61000-4-2,±15kVAir Discharge、±8kVcontact Discharge

Ambient Light 0 ~100,000LUX  
LED Safety IEC62471

### Accessories

USB Cable	Data Transfer& Power Supply
RS232+USB(DC)	Data Transfer& Power Supply

### Typical Decode Range

Code39(5mil)	0mm ~60mm Barcode Size: 25mm×10mm
EAN-13(13mil)	0mm ~230mm Barcode Size: 31mm×17mm
QR(15mil)	0mm ~160mm Barcode Size: 8mm×8mm

### Remark.

\* The data in this leaflet is derived from our laboratory data and may differ from actual usage data. Technical specifications in the leaflet are subject to change without notice.  
\* Test conditions: ambient temperature = 23°C; ambient illumination = 300 LUX incandescent lamp; paper code using the test sample code developed by our company.  
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