

# 3800g Barcode Scanner

## Fast, Accurate Circulation and Inventory

The high-performance 3800g Barcode Scanner from Follett Software makes circulation and inventory management fast and easy. Simply pass barcodes below the beam for automatic reading from inches away.



### Take advantage of the 3800g Barcode Scanner's:

- **Accurate, fast reads:** Covers a wide range of barcode symbologies on labels of any quality.
- **Flexible, fast scanning:** Easy to aim and scan in any lighting condition, from darkness to full sunlight.
- **Durability:** No moving parts inside and solid construction outside to ensure reliable service.
- **Reliability:** Five-year manufacturer's warranty — the best in the industry — covers parts and labor.

### Ideal for use with these Follett Software products:

- Destiny Library Manager™
- Destiny Textbook Manager™
- Destiny Asset Manager™
- Destiny Media Manager™
- Circulation Plus®/Catalog Plus®
- InfoCentre™
- Spectrum™
- Athena™

*Thinking Forward...  
Connecting information and resources to  
support high-performance learning environments.*



To Learn More about the 3800g Barcode Scanner, visit  
[www.FollettSoftware.com/3800gScanner](http://www.FollettSoftware.com/3800gScanner)

Or call 800.323.3397 Outside the U.S. and Canada, call 815.344.8700

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# 3800g Barcode Scanner from Follett Software

## Performance

<b>Illumination:</b>	630 NM Visible Red LED
<b>Receiving Device:</b>	3648 element linear imager
<b>Reading Distance:</b>	From .5 in. (1.3 cm) to 18 in. (46 cm) on medium density barcodes
<b>Reading Width:</b>	7.5 mil code: 7 in. (18 cm) from nose, 3.5 in. (8.9 cm) wide 13 mil code: 12.5 in. (31.8 cm) from nose, 8.0 in. (20.3 cm) wide
<b>Resolution:</b>	3 mil. at 4 in. (10 cm) distance
<b>Skew Angle:</b>	+65°
<b>Pitch Angle:</b>	+65°
<b>Horizontal Velocity:</b>	20 in. (51 cm) per second
<b>Minimum Symbol Contrast:</b>	20%
<b>Scan Rate:</b>	Up to 270 scans per second
<b>Decode Rate:</b>	270 decodes per second

## Mechanical/Electrical

<b>Length:</b>	4.4 in. (11.2 cm)						
<b>Height:</b>	5.9 in. (15.0 cm)						
<b>Width:</b>	3.1 in. (7.9 cm)						
<b>Weight:</b>	5.6 oz. (158.8 g)						
<b>Housing:</b>	UL 94V0 grade						
<b>Power Requirements:</b>	3800GX4E: 4.5 - 5.5Vdc at scanner						
<b>Current Draw (Maximum):</b>	<table><thead><tr><th>Input</th><th>Scanning</th><th>Idle</th></tr></thead><tbody><tr><td>5 V</td><td>235mA</td><td>86mA</td></tr></tbody></table>	Input	Scanning	Idle	5 V	235mA	86mA
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5 V	235mA	86mA					

## Power Supply

<b>Noise Rejection:</b>	Maximum 100mV peak to peak, 10 to 100 kHz
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## Environmental

<b>Operating Temperature:</b>	+32°F to +122°F (0°C to +50°C)
<b>Storage Temperature:</b>	-40°F to 140°F (-40°C to +60°C)
<b>Humidity:</b>	0 to 95% humidity (non-condensing)
<b>Mechanical Shock:</b>	Operational after 50 drops from 5 ft. (1.5 m) to concrete
<b>Ambient Illumination:</b>	0 - 70,000 lux
<b>ESD Protection:</b>	Functional after 15kV discharge
<b>Vibration:</b>	Withstands 5G peak from 22 to 300 Hz
<b>Agency:</b>	<b>International:</b> CB scheme to IEC60950-1 & IEC60825-1 Class 1 LED. <b>USA:</b> FCC Part 15 subpart B Class B. UL listed to 60950-1. <b>Canada:</b> ICES-003 Class B. cUL listed to CSA C22.2 No. 60950-1-03. <b>Europe:</b> CE 2004/108/EC EMC Directive to EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3. 2006/95/EC Low Voltage Directive. <b>GS Mark:</b> GS marked for I.T.E. safety. <b>Mexico:</b> NOM-NYCE. <b>Korea:</b> MIC Class A. <b>Taiwan:</b> BSMI. <b>Australia/NZ:</b> C-Tick mark.
<b>MTBF:</b>	per MIL-HDBK-217F Ground Benign exceeds 100,000 hours
<b>Symbologies:</b>	Follett Classic, Codabar, Code 3 of 9 including PARAF, Interleaved 2 of 5, Straight 2 of 5 Industrial, Matrix 2 of 5, Code 11, Code 93, Code 128, EAN/JAN, China Postal Code
<b>Interfaces:</b>	3800GX4E: All popular PCs and terminals via keyboard wedge, keyboard replacement/direct connect, USB and TTL level RS-232
<b>Warranty:</b>	Five-year factory warranty