

3800i

Industrial-Grade Linear-Imaging Scanner

The 3800i hand-held industrial image readers are the first industrial class readers to bring you Honeywell's industry-leading image technology. This technology allows you to read bar codes at ranges up to 82" (208 cm). In real world applications, this extended read range means less climbing and reaching, and more operator productivity.

Based on proprietary image technology, the 3800i picks up your bar code image and processes its content 270 times per second. In a fraction of a second, the Honeywell digital image processor quickly and easily determines the data content and sends it to your host computer. This proprietary technology quickly and securely identifies poor quality symbols, and still delivers snappy performance.

We are so confident the 3800i image reader will withstand your industrial applications that we have backed it by a solid warranty. Every 3800i comes to you with a three-year warranty against defects. Shock absorbing rubber overmold on the case and a sealed optics module ensure this device will survive dozens of 6.5′ (2 meter) drops to concrete. Although we do not expect you to treat your reader this way, we know it will survive many years of accidental abuse.

Your industrial applications often take you into environments that challenge many devices. Your loading dock has extreme temperature variations, dirt, dust, and rain that will stress many bar code scanners. The 3800i is environmentally sealed to an IP54 rating, which prevents dust and water from entering the units and degrading performance. Sometimes you need to use this device outdoors during winter or other freezing temperature conditions. This imager withstands applications that subject it to constant -22°F (-30°C) temperatures and still survives.

For reading in applications that exhibit high ambient light, the 3800i can be ordered with an aiming beam, which offers true point and shoot performance without moving laser optics. This option allows the operator to reliably find and scan the code.



Features

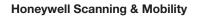
- Superior Read Range: Imaging technology now extends the performance range out to 82" (208 cm) on linear codes, eliminating the need to reach and climb to scan codes
- Durable: There are no moving parts to wear out and Honeywell backs this with an industry-leading three-year warranty, ensuring reliable performance year after year with no downtime
- Easy-to-Use: True point and shoot hand-held ergonomics easily fits oversized gloved hands, while intuitive aiming means operators will become productive quickly
- Rugged Packaging: An impact-absorbing, shock-resistant housing withstands fifty 6.5' (2 meter) drops, and is sealed to prevent dust, moisture, and other contaminants from entering the scanner—designed to survive the most demanding industrial applications
- Fast and Aggressive Decode: Even on poorly printed or damaged codes, the 270 scans per second digital image logic is over six times faster than other technologies, allowing users to spend less time trying to re-scan poor codes and speed up the work process

3800i Technical Specifications

Mechanical		
Dimensions (LxWxH)	135 mm x 81 mm x 163 mm (5.3" x 3.2" x 6.4")	
Weight	213 g (7.5 oz)	
Electrical		
Input Voltage	4.5 - 14 VDC	
Operating Power	1.2 W (235 mA @ 5 V); 1.7 W (142 mA @ 12 V)	
Standby Power	340 mW (68 mA @ 5 V); 590 mW (49 mA @ 12 V)	
Host System Interfaces	USB, TTL Level RS232, True RS232, Keyboard Wedge, IBM 46xx (RS485), Light Pen (Wand) Emulation	
Environmental		
Operating Temperature	-30°C to 50°C (-22°F to 122°F)	
Storage Temperature	-40°C to 60°C (-40°F to 140F)	
Humidity	0 to 95% relative humidity, non-condensing	
Drop	Designed to withstand 2.0 m (6.5') drops	
Environmental Sealing	IP54	
Light Levels	70,000 Lux	
Scan Performance		
Scan Pattern	Linear Image (CCD: 3648 pixels)	
Scan Speed	270 scans per second	
Motion Tolerance	5 cm/s (2 in/s) with 13 mil UPC at optimal focus	
Scan Angle	Horizontal: 47°	
Print Contrast	20% minimum reflectance difference	
Pitch, Skew	65°, 65°	
Decode Capabilities	Reads standard 1D and GS1 Databar symbologies.	
Warranty	3 year factory warranty	

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Typical Performance*		
Narrow Width	Depth of Field	
7.5 mil	165 mm - 381 mm (6.5" - 15")	
100% UPC	64 mm - 711 mm (2.5" - 28")	
15 mil	64 mm - 787 mm (2.5" - 31")	
20 mil	38 mm - 1067 mm (1.5" - 42")	
55 mil	102 mm - 2083 mm (4.0" - 82")	
*Resolution: 7.5 mil (0.191 mm) *Performance may be impacted by bar code quality and environmental conditions		





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About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

• Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

· Legacy is one of the best repair facilities in North America

Discontinued product sourcing

 They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

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- That old equipment laying around your facility may still have some value.
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 - · Hardware disposal
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