3200

Handheld Linear Imager

The 3200 delivers quality linear barcode scanning and user friendly ergonomics, combined in a solution that’s affordable and dependable for a wide variety of applications. Whether you’re automating a pen and paper process, or require a high-quality yet cost effective barcode scanner to replace your existing devices, the 3200 is an ideal solution.

Linear imaging technology provides high scanning performance on all linear barcodes – even those that are damaged or poorly printed - and features the added value of being 100% solid-state, with no moving parts that can fail or become misaligned.

Unlike other value-priced solutions that sacrifice usability features, the 3200 provides an ergonomic pistol-grip and user-preferred finger trigger design for comfortable and intuitive use.

With a 2-year warranty and durable design, the 3200 provides a great value to customers who require reliable barcode scanning solution at an affordable price.

Features

- **Linear Imaging Technology**: Fast barcode scanning, even on poorly printed or damaged linear codes.
- **User-Friendly Design**: Pistol-style with index finger trigger ensuring operator comfort and ease of use.
- **Reliable**: The durability of 100% solid state technology and a 2-year warranty.
- **Ease of Connectivity**: Common interfaces are integrated to ensure fast and easy connection to your host or PC.
- **Future Proof Symbology Support**: GTIN compliant, GS1 DataBar capable.
- **Intuitive Aiming Line**: Thin, crisp aiming line for ease-of-use in scanning bar coded menus and densely populated documents.
- **Intuitive User Feedback**: Fully programmable options for application-specific “good read” LED and beeper settings.

High Performance Linear Image Scanners:

- **3800g** General Purpose Scanner
- **3800r** Retail / Light Industrial Scanner
- **3820** Cordless Light Industrial Scanner
- **3800i** Industrial Scanner
## 3200 Specifications

### Performance

- **Illumination:** 630 NM Visible Red LED
- **Receiving Device:** 2048 element linear imager
- **Reading Distance:** From .5 in. (1.3 cm) to 10 in. (25 cm) on medium density bar codes
- **Reading Width:** 15 mil code 4 in. (11 cm) wide at 3.5 in. (9 cm)
- **Resolution:** 4 mil. at 4 in. (10 cm) distance
- **Skew Angle:** ±55°
- **Pitch Angle:** ±55°
- **Minimum Symbol Contrast:** 30%
- **Scan Rate:** 200 plus scans per second

### Mechanical/Electrical

- **Length:** 3.7 in. (9.5 cm)
- **Height:** 6.0 in. (15.2 cm)
- **Width:** 2.7 in. (6.8 cm)
- **Weight:** 5.1 oz. (143 g)
- **Housing:** UL 94V0 grade
- **Power Requirements:** 3200: 4.75 - 5.25Vdc at scanner
- **Current Draw (Maximum):**
  - Input: 5 V
  - Scanning: 235mA
  - Idle: 86mA

### Power Supply

- **Noise Rejection:** Maximum 100mV peak to peak, 10 to 100 kHz

### Environmental

- **Operating Temperature:** +32°F to +122°F (0°C to +50°C)
- **Storage Temperature:** -4°F to 140°F (-20°C to +60°C)
- **Humidity:** 0 to 95%, non-condensing
- **Mechanical Shock:** Operational after 25 drops from 4 ft. (1.2 m) to concrete
- **Ambient Illumination:** 0 - 70,000 lux
- **ESD Protection:** Exceeds CE EN55024
- **Vibration:** Withstands 5G peak from 22 to 300 Hz
- **Agency:**
  - USA: FCC Part 15 subpart B Class B
  - Canada: ICES-003 Class B
  - Australia/NZ: C-Tick mark
  - Japan: VCCI
- **MTBF:** per MIL-HDBK-217F Ground Benign exceeds 85,000 hours
- **Symbologies:** 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, UPC, EAN/JAN, China Postal Code, GS1 DataBar. 2005 Sunrise/GTIN compliant
- **Interfaces:** 3200: All popular PCs and terminals via keyboard wedge, keyboard replacement/direct connect, USB, and (Host Powered) TTL level RS-232
- **Warranty:** Two year factory warranty.