## General Corded Scanner

### 1070

- **Optical sensor**: 1070 pixels
- **Light source**: Red LED (660 nm)
- **Resolution**: 4 mil
- **Depth of field (in)**: 1.6 to 3.2 in.
- **Scanning angle**: Pitch ±70°, skew ±32.5°
- ** PCS**: Minimum 45%
- **Interface supported**: Keyboard wedge

### 1000

- **Optical sensor**: 1000 pixels
- **Light source**: Red LED (660 nm)
- **Resolution**: 4 mil
- **Depth of field (in)**: 1.6 to 3.2 in.
- **Scanning angle**: Pitch ±70°, skew ±32.5°
- ** PCS**: Minimum 45%
- **Interface supported**: Keyboard wedge

### 1000+ (for codes up to 90mm wide)

- **Optical sensor**: 1000+ pixels
- **Light source**: Red LED (650 nm)
- **Resolution**: 4 mil
- **Depth of field (in)**: 0 to 3 cm
- **Scanning angle**: Pitch ±70°, skew ±40°
- ** PCS**: Minimum 45%
- **Interface supported**: Keyboard wedge

### 1100 & 1200

- **Optical sensor**: 1100/1200 pixels
- **Light source**: Red LED (660 nm)
- **Resolution**: 4 mil
- **Depth of field (in)**: 0 to 3 cm
- **Scanning angle**: Pitch ±70°, skew ±32.5°
- ** PCS**: Minimum 36%
- **Interface supported**: Keyboard wedge

### Performance

<table>
<thead>
<tr>
<th>Category</th>
<th>1070</th>
<th>1000</th>
<th>1000+</th>
<th>1100</th>
<th>1200</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Optical sensor</strong></td>
<td>1070 pixels</td>
<td>1000 pixels</td>
<td>1000+ pixels</td>
<td>1100 pixels</td>
<td>1200 pixels</td>
</tr>
<tr>
<td><strong>Light source</strong></td>
<td>Red LED (660 nm)</td>
<td>Red LED (660 nm)</td>
<td>Red LED (650 nm)</td>
<td>Red LED (660 nm)</td>
<td>Visible laser diode (532 nm)</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>4 mil</td>
<td>4 mil</td>
<td>4 mil</td>
<td>4 mil</td>
<td>4 mil</td>
</tr>
<tr>
<td><strong>Depth of field</strong></td>
<td>1.6 to 3.2 in.</td>
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<td>0 to 3 cm</td>
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</tr>
<tr>
<td><strong>Scanning angle</strong></td>
<td>Pitch ±70°, skew ±32.5°</td>
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<td>Pitch ±70°, skew ±70°</td>
<td>Pitch ±70°, skew ±32.5°</td>
</tr>
</tbody>
</table>

### Physical

- **Dimensions (L x W x H)**:
  - 1070: 16.7 x 7.5 x 5.7 cm / 6.6 x 3 x 2.2 in.
  - 1000: 16.7 x 7.5 x 5.7 cm / 6.6 x 3 x 2.2 in.
  - 1000+: 16.7 x 7.5 x 5.7 cm / 6.6 x 3 x 2.2 in.
  - 1100: 14.5 x 5.3 x 7.4 cm / 5.7 x 2.1 x 2.9 in.
  - 1200: 14.5 x 5.3 x 7.4 cm / 5.7 x 2.1 x 2.9 in.

### Electrical

- **Battery**: includes attached cable
- **Switch**: Rubber switch / Micro switch

### Environment

- **Operating temperature**: 0 °C to 50 °C / 32 °F to 122 °F
- **Storage temperature**: -20 °C to 60 °C / -4 °F to 140 °F
- **Impact resistance**: 1.2 m / 4 ft. Drops
- **Electrostatic discharge**: Conforms to ± 15 kV air discharge and ± 8 kV contact discharge

### Configuration

- **Setup options**: includes attached cable
- **Language support**: US and UK English, French, Italian, German, Spanish, Portuguese, and more

### Accessories

- **Auto-sense Stand**: 1100/1105 & 1200 Holder
- **Warranty**: 3 years / 1 year

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CipherLab's reliable and affordable handheld, corded scanners are designed to help accelerate productivity while minimizing total cost of ownership. CipherLab offers you ideal devices, which make the work easier with fast, accurate barcode scanning in retail, healthcare, manufacturing, and enterprise environments.
### General Corded Scanner

#### Comfortable and Powerful
Delivering Outstanding Service and Value

Wherever handheld scanners are used, whether it’s on the shop floor, at the checkout counter, in the manufacturing line, or in the documentation center, they must be comfortable and safe for the users and deliver undeniably accurate scans all day long. More importantly, they should be cost-effective to operate.

CipherLab designs and manufactures the industry’s top handheld scanners to provide outstanding reliable service for workers and deliver a high return on investment (ROI). Reliability, user comfort, and power consumption 50% lower than competitor’s devices on average make CipherLab scanners the ideal choice for long-lasting value in any industry.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1070</td>
<td>Designed to provide an affordable and reliable solution for overwhelming scanning demands on shop floors and at checkout stands, the CipherLab 1070 CCD scanner helps businesses streamline workflow and boost work productivity with consistent, accurate data capture. Its aesthetically designed lightweight form factor fits in nicely with any retail setting – even high-end boutiques. The ergonomic handle grip offers all-day comfort for intensive scanning tasks. Together with 3-year warranty, the 1070 ensures not only reliable capture of data and long-lasting performance, but also a significantly lowered total cost of ownership – offering a high return on investment for any retail business.</td>
</tr>
<tr>
<td>1000</td>
<td>When it comes to reading a variety of symbologies and printed materials, CipherLab gives you the 1000 and 1005+. These CCD scanners not only deliver consistently accurate data capture in any retail environment, they also eliminate misreading clustered or poorly printed barcodes. Both are ideal for close scanning of wide barcodes with the 1005+ scanning up to 9mm and the 1000 reading high resolution barcodes up to 3mil. Both contact scanners come with smart ergonomic design enhanced with a thermoplastic polyurethane (TPU) rubber boot to give users a comfortable grip and long-lasting durability. Their imager built with no moving parts together with lower power consumption and a five-year warranty make them the perfect choice for reliable performance.</td>
</tr>
<tr>
<td>1090+</td>
<td>For manufacturing companies looking for scanners which are powerful, versatile and rugged, the CipherLab 1000 and 1105 linear imaging scanners would be the choice to go. Designed to endure the harsh working environment of manufacturing factories, these CCD scanners carry no moving parts and are built with rugged double-injection molded TPU. They are also test-proven to withstand multiple 2 m (6.5 ft.) drops onto concrete and backed by CipherLab’s five-year warranty to ensure long-lasting and reliable service. Aside the rugged build, both the 1100 and 1105 offer accurate data capture of multiple symbologies – with the 1100 to read high density barcodes as small as 3mil, which makes it ideal for tracking smaller parts and components marked by tiny labels.</td>
</tr>
<tr>
<td>1200</td>
<td>Ideal for manufacturing applications, the CipherLab 1200 laser scanner quickly and accurately reads barcodes up to 64 cm (12ft.) away – allowing you to work smarter and faster. Small size, ergonomic design, and light weight make the 1200 scanner easy and comfortable to use all day long.</td>
</tr>
</tbody>
</table>

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### PC Software to Custom-Configure Scanner to Any Environment

CipherLab ScanMaster/ScanManager software provide comprehensive tools to configure any scanner, such as enabling and disabling auto-sense mode, choosing edit format and symbology types, plus more. With ScanMaster/ScanManager, scanners can be easily customized to fit every working environment. ScanMaster/ScanManager for PC is included with all CipherLab scanners.

#### Leader in the Industry
CipherLab leads the industry with high-quality, rugged scanners that are designed to meet the specific needs of users in a wide range of environments. We acquired our leadership position through more than twenty years of designing and manufacturing scanners, from our first CCD barcode scanner released in 1991 to our most recent announcements of powerful, versatile handheld scanners.

#### Taking Care of Our Customers
Our customers trust the experience we’ve gained from working with many different industries and providing them scanning solutions to help boost productivity with low TCO. Our scanners can be found in retail, medical, transportation, manufacturing, and financial sectors. That’s why we understand the needs of both the industries scanners are used in and the people who handle them all day long. We back our reputation for quality and reliability with a 3 to 5-year warranty on our non-laser handheld scanners.

#### Extensive Research and Development
Innovative engineering and design is supported with extensive research and development in optics, electronics, and communications technology. Our R&D engineers ensure operating satisfaction from proof-of-concept to production-line products.

#### Internationally Recognized Quality
Our commitment to the highest manufacturing quality is recognized around the world by users and businesses, which depend on the daily performance of our scanners. We operate under the ISO 9001 quality standards and ISO 14000 environmental standards certified by international organizations. You can trust CipherLab scanners to deliver dependable operation with a low TCO and high ROI. Our products are recognized around the world for their work and business value.
Corded Scanner

General

CPL10079-1070 English inside w41xh29.3cm

Comfortable and Powerful
Delivering Outstanding Service and Value

Wherever handheld scanners are used, whether it's on the shop floor, at the checkout counter, in the manufacturing line, or in the documentation center, they must be comfortable and safe for the users and deliver undeniably accurate scans all day long. More importantly, they should be cost-effective to operate.

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1070
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1000
1090
When it comes to reading a variety of symbologies and printed materials, CipherLab gives you the 1000 and 1090+. These CCD scanners not only deliver consistently accurate data capture in any retail environment, they also eliminate misreading clustered or poorly printed barcodes. Both are ideal for close scanning of wide barcodes with the 1090+ scanning up to 9mm and the 1000 reading high resolution barcodes up to 3mil. Both contact scanners come with smart ergonomic design enhanced with a thermoplastic polyurethane (TPU) rubber boot to give users a comfortable grip and long-lasting durability. Their imager built with no moving parts together with lower power consumption and a five-year warranty make them the perfect choice for reliable performance.

1100
1105
For manufacturing companies looking for scanners which are powerful, versatile and rugged, the CipherLab 1100 and 1105 Linear Imaging scanners would be the choice to go. Designed to endure the harsh working environment of manufacturing factories, these CCD scanners carry no moving parts and are built with rugged double-injection-molded TPU. They are also last-proven to withstand multiple 2 m (6.5 ft.) drops onto concrete and backed by CipherLab’s five-year warranty to ensure long-lasting and reliable service. Aside the rugged build, both the 1100 and 1105 offer accurate data capture of multiple symbologies – with the 1100 to read high density barcodes as small as 3mil, which makes it ideal for tracking smaller parts and components marked by tiny labels.

1200
Ideal for manufacturing applications, the CipherLab 1200 laser scanner quickly and accurately reads barcodes up to 64 cm (12ft.) away – allowing you to work smarter and faster. Small size, ergonomic design, and light weight make the 1200 scanner easy and comfortable to use all day long.

PC Software to Custom-Configure Scanner to Any Environment

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### ACCESSORIES

- **Auto-sense Stand**
  - 1100/1105 & 1200 Holder
  - Can be used on desktop or wall mountable

### General Corded Scanner

- **Performance**
  - **Category**
    - CCD contact scanner
    - CCD contact scanner
    - CCD contact scanner
    - Linear imaging scanner
    - Laser Scanner
  - **Optical sensor**
    - 1070: 1000 points
    - 1000: 640 points
    - 1090+: 640 points
    - 1100: 641 points
    - 1200: 640 points
  - **Light source**
    - Red LED (660 nm)
    - Red LED (630 nm)
    - Red LED (650 nm)
    - Red LED (650 nm)
    - Red LED (650 nm)
    - Visible laser diode (950 nm)
  - **Resolution**
    - 4 mil
    - 4 mil
    - 4 mil
    - 4 mil
    - 4 mil
    - 3 mil
  - **Depth of field**
    - 3 to 5 cm / 0 to 2.0 in.
    - 3 to 5 cm / 0 to 2.0 in.
    - 3 to 5 cm / 0 to 2.0 in.
    - 3 to 5 cm / 0 to 2.0 in.
    - 3 to 5 cm / 0 to 2.0 in.
    - 3 to 5 cm / 0 to 2.0 in.
  - **Scanning angle**
    - Pitch 45° Scan 45°
    - Pitch 45° Scan 45°
    - Pitch 45° Scan 45°
    - Pitch 45° Scan 45°
  - **PCS**
    - Minimum 45°
    - Minimum 50°
    - Minimum 50°
    - Minimum 50°

- **General**
  - **Corded Scanner**
    - CipherLab China
      - J Room, 4F, No.728 West Yan'an Road, Changning District, Shanghai, China 200050
      - Tel: +86 21 3368 0288
      - Fax: +86 21 3368 0286
    - CipherLab Co., Ltd.
      - 12F, 333 Dunhua S. Rd., Sec.2 Taipei, Taiwan 10669
      - Tel: +886 2 8647 1166
      - Fax: +886 2 8732 3300
    - CipherLab USA
      - 2552 Summit Avenue
      - Plano, Texas USA 75074
      - Tel: +1 469 241 9779
      - Toll Free: +1 888 300 9779
      - Fax: +1 469 241 0697
    - CipherLab Central Europe
      - Willicher Damm 143-145
      - 41066 Mönchengladbach Germany
      - Tel: +49 2161 56230 0
      - Fax: +49 2161 56230 22

- **Configuration**
  - Setup options include Windows®-based ScanMaster/ScanManager, by direct connection or printing out barcode settings
  - Data editing, interface selectors, symbology configuration

- **Warranty**
  - 1 year
  - 3 years
  - 5 years
  - 5 years
  - 1 year

### Physical

- **Dimension**
  - 1070: 16.7 x 7.5 x 5.7 cm / 6.6 x 3.0 x 2.2 in.
  - 1000: 17.8 x 6.8 x 6.1 cm / 7.0 x 2.6 x 2.4 in.
  - 1090+: 18.2 x 10.4 x 6.1 cm / 7.2 x 4.1 x 2.4 in.
  - 1100: 14.5 x 5.9 x 7.4 cm / 5.7 x 2.3 x 2.9 in.
  - 1200: 14.5 x 5.9 x 7.4 cm / 5.7 x 2.3 x 2.9 in.

- **Weight**
  - 1070: 265 g / 9.3 oz.
  - 1000: 186 g / 6.6 oz.
  - 1090+: 186 g / 6.6 oz.
  - 1100: 190 g / 6.7 oz.
  - 1200: 165 g / 5.8 oz.

- **Color**
  - Black
  - Ivory or Black
  - Light gray or dark grey
  - Black

### Electrical

- **Voltage**
  - +5V ±5%

- **Power consumption**
  - 35 mA / 180 mA
  - 45 mA / 195 mA
  - 45 mA / 195 mA
  - 40 mA / 175 mA

- **Operating temperature**
  - 0 °C to 50°C / 32° to 122°F

- **Storge temperature**
  - -20 °C to 60°C / -4° to 140°F

- **Impact resistance**
  - 1.2 m / 4 ft. Drops

- **Electrostatic discharge**
  - Conforms to ± 15 kV air discharge and ± 8 kV contact discharge

- **EMC regulation**
  - BSMI, CE, C-Tick, FCC, IC, KCC

- **Setup options include Windows®-based ScanMaster/ScanManager, by direct connection or printing out barcode settings**

### Barcodes supported

- Codabar, Code 39, Code 93, Code 128, GS1 DataBar (RSS), Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSIL, Italian and French Pharmacodes, Polaroid, UPC / EAN / GS1-128, and more

### Programmable features

- Data editing, interface selectors, symbology configuration

### Interfaces supported

- Keyboard wedge, wand, IBM 4683/4694, Windows®-based ScanMaster/ScanManager

### Languages support

- US and UK English, French, Spanish, Portuguese, German