General Handheld Scanner

Bringing retail productivity and performance up to speed, the 1500 series of scanners offers powerful reliability with efficiency. Ideal for a wide range of applications from retail to healthcare and post offices, the 1500 scanner is not only advanced, but its ergonomic design also provides extreme durability – day in, day out.
1500 Series Scanners from CipherLab

Accelerate your business
Handheld scanners are much faster than human fingers. Pull the trigger and the work is done instantly: complete series, update inventories, check patient records, and record production line parts and activities. Handheld scanners accelerate work with error-free capture of critical information, keeping your company data up to date and up to the minute.

Cut costs
CipherLab scanners are versatile, agile, and priced right for long-lasting value. Your company benefits from years of use, backed by a manufacturer honored in the industry for its innovative, reliable products and customer service. The 1500 series scanners capture data from regular to long barcodes with a choice of linear imager, 2D imager, or laser. Together with Bluetooth® cordless and corded applications, the 1500 series scanners help you run business more efficiently with improved operations.

Go where the work takes you
The 1500 series includes wireless scanners to unleash workers, so they can go where the work is and get more done, in more places. Our 1500 series Bluetooth® scanners connect with the communication stand up to 90 meters (295 feet) away. Beyond that, they keep working by storing information until the scanner is back in range.

Smart solutions with immediate payoffs

Accelerate receiving with fast, reliable, low-cost CipherLab 1500 handheld scanners
European retail giant Valora deployed 1,100 CipherLab 1500 scanners to improve product receiving in its Swiss sales outlets.

“After performing extensive tests, it was clear that the CipherLab scanner performed much better than any of the other solutions. We had no previous experience with CipherLab and were positively surprised with its error-free scans, reliability, and the convincing value for money it offers.”
Christian Wurger, Head of the Corporate IT Operations/Support, Valora, Switzerland

Streamline tracking and delivery with wireless CipherLab Bluetooth® scanners
To ensure better tracking and delivery of mail and goods, Brazil’s ECT, the largest post office in Latin America, relies on the flexibility and productivity of CipherLab Bluetooth® scanners.

“With the new scanners, employees can easily reach the items to scan. They can walk around outdoors and scan packages in the unloading/departing zones, allowing them to work faster and get more work done. And the database is always updated when they are back in wireless range.”
Marcel Gomes, Complex Solutions Provider for ECT, Brazil

Update stock and reply distribution requirements in real time with wireless CipherLab Bluetooth® scanners
To ensure accurate CD/DVD replenishment, ASDA/Wal-Mart combines the wireless connectivity of CipherLab Bluetooth® scanners and Smartphones/PDAs to instantly send stocking requirements to the distribution center.

“After searching worldwide for scanners with good communication capabilities, we found CipherLab Bluetooth® scanners with high-quality and reliable performance. CipherLab scanners not only provide real-time stocking updates, but also record deliveries made to the actual supermarkets, which improves the efficiency of our business operation.”
Alaf Sadique, CEO, Gane Data LTD., United Kingdom

Snappy scanning, speedy decoding
The 1500 series with linear imaging reader scan and decode barcodes up to 520 times per second to speed work, eliminate rescans and keep up with your fastest operation. This high speed delivered with low power consumption makes auto-sense scanning very effective.

Wireless freedom
Range of Operation
The 1500 series Bluetooth® wireless scanners have a 90-meter line-of-sight range from the communication stand. If it’s not in range, with the optional linear imager and laser scanners, the scanner’s buffer memory holds up to 256 scans in reserve, ready to transmit automatically when you’re back in range again. Or, use batch mode to record over 32,000 scans – that’s freedom to roam widely. The 1500 Bluetooth® scanner with 2D reader has a buffer memory of 10 K or 4 MB in batch mode.

House of Wireless Power
CipherLab offers you the multi-shift service with the 1500 series Bluetooth® scanner. Without interruption of workflow, users get to finish work more productively and efficiently.

A Great Variety at Your Fingertips
Every business is different and has different scanning needs, which is why CipherLab have a broad range of scanners to suit any businesses whatever their needs. The 1500 series comes in a range of varieties. The linear imager scanner offers the option of reading long barcodes, for example the ones on bills, making it suitable for utility companies, banks, and collecting agencies. The option of 2D imager is good for scanning barcodes on medicine packaging or hospital equipments making them suited for pharmaceuticals or hospitals.

PC Software to Custom-Configure Scanners to Any Environment
CipherLab ScanMaster software provides comprehensive tools to configure any scanner, such as enabling and disabling hands-free scanning, choosing edit format and symbology types, plus more. With ScanMaster, scanners can be easily customized to fit every working environment. ScanMaster for PC is included with all CipherLab scanners. In addition, 1500 series is also supported by CipherConnect which is a COM-to-key utility designed for CipherLab Bluetooth® scanners to work as an input device for smart devices, such as Smartphone or PDA. The software enables intensive data collection and transmission via CipherLab Bluetooth® scanner to the smart device.
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**1500 Series**

**General Handheld Scanner**

<table>
<thead>
<tr>
<th>1500P</th>
<th>1560P</th>
<th>1562</th>
<th>1504P</th>
<th>1504A</th>
<th>1564A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>Linear Imager</td>
<td>Laser</td>
<td>2D Imager</td>
<td>2D Imager</td>
<td>2D Imager</td>
</tr>
<tr>
<td><strong>RF Communication of Bluetooth® scanner</strong></td>
<td>Corded</td>
<td>Bluetooth® Class 2 (2.4 GHz)</td>
<td>Corded</td>
<td>Bluetooth® Class 2 (2.4 GHz)</td>
<td>Corded</td>
</tr>
<tr>
<td><strong>Coverage</strong></td>
<td>--</td>
<td>90 m / 295 ft. line of sight</td>
<td>--</td>
<td>60 m / 295 ft. line of sight</td>
<td>--</td>
</tr>
<tr>
<td><strong>Standard profile</strong></td>
<td>--</td>
<td>SPP, HID</td>
<td>--</td>
<td>SPP, HID</td>
<td>--</td>
</tr>
<tr>
<td><strong>Optical sensor</strong></td>
<td>CCD Linear Sensor 2500 pixels</td>
<td>Laser</td>
<td>CMOS Image Sensor 1280 x 800 pixels</td>
<td>CMOS Image Sensor 752 x 480 pixels</td>
<td>CMOS Image Sensor 752 x 480 pixels</td>
</tr>
<tr>
<td><strong>Light source</strong></td>
<td>Red LED 625 nm</td>
<td>Red LED 618-626 nm</td>
<td>Visible laser diode at 650 ± 15 nm</td>
<td>Warm White LED (2x)</td>
<td>625 ± 5 nm LEDs (2x)</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>3 mil</td>
<td>4 mil</td>
<td>3 mil - 1D barcode / 5 mil - 2D barcode</td>
<td>3 mil - 1D barcode / 5 mil - 2D barcode</td>
<td>3 mil - 1D barcode / 5 mil - 2D barcode</td>
</tr>
<tr>
<td><strong>Programmable features</strong></td>
<td>Data editing, interface selection, symbology configuration</td>
<td>Data editing, interface selection, symbology configuration</td>
<td>Data editing, interface selection, symbology configuration</td>
<td>Data editing, interface selection, symbology configuration</td>
<td>Data editing, interface selection, symbology configuration</td>
</tr>
<tr>
<td><strong>Language support</strong></td>
<td>US and UK English, French, Italian, Belgian, Norwegian/Swedish, Spanish, Portuguese, German, Japanese and Turkish</td>
<td>US and UK English, French, Italian, Belgian, Norwegian/Swedish, Spanish, Portuguese, German, Japanese and Turkish</td>
<td>US and UK English, French, Italian, Belgian, Norwegian/Swedish, Spanish, Portuguese, German, Japanese and Turkish</td>
<td>US and UK English, French, Italian, Belgian, Norwegian/Swedish, Spanish, Portuguese, German, Japanese and Turkish</td>
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</tr>
<tr>
<td><strong>Physical</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimension L x W x H</strong></td>
<td>153.3 x 61.1 x 9.3 cm / 6.0 x 2.4 x 3.7 in.</td>
<td>153.3 x 61.1 x 9.3 cm / 6.0 x 2.4 x 3.7 in.</td>
<td>153.3 x 61.1 x 9.3 cm / 6.0 x 2.4 x 3.7 in.</td>
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<td>153.3 x 61.1 x 9.3 cm / 6.0 x 2.4 x 3.7 in.</td>
</tr>
<tr>
<td><strong>Weight without cable / with battery</strong></td>
<td>1500P: 149 g / 5.2 oz.</td>
<td>1500P: 149 g / 5.2 oz.</td>
<td>1500P: 149 g / 5.2 oz.</td>
<td>1500P: 149 g / 5.2 oz.</td>
<td>1500P: 149 g / 5.2 oz.</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td><strong>Switch</strong></td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Memory for Bluetooth® scanner / presenter buffer / batch mode</strong></td>
<td>--</td>
<td>4 K / 512 K</td>
<td>--</td>
<td>4 K / 512 K</td>
<td>--</td>
</tr>
<tr>
<td><strong>Working hours for Bluetooth® scanner</strong></td>
<td>--</td>
<td>36 hours based on 1 scan / 5 seconds</td>
<td>--</td>
<td>24 hours based on 1 scan / 5 seconds</td>
<td>--</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>+5 V ± 10% / 3.7 V 800 mAh Li-ion battery</td>
<td>+5 V ± 10% / 3.7 V 800 mAh Li-ion battery</td>
<td>+5 V ± 10% / 3.7 V 800 mAh Li-ion battery</td>
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<td>+5 V ± 10% / 3.7 V 800 mAh Li-ion battery</td>
</tr>
<tr>
<td><em><em>Power consumption</em> / Standby / Operating</em>*</td>
<td>1500P: 20 mA / 286 mA</td>
<td>1500P: 20 mA / 286 mA</td>
<td>1500P: 20 mA / 286 mA</td>
<td>1500P: 20 mA / 286 mA</td>
<td>1500P: 20 mA / 286 mA</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>Operating: 0°C to 50°C / 32°F to 122°F Storage: -20°C to 60°C / -4°F to 140°F</td>
<td>Operating: 0°C to 50°C / 32°F to 122°F Storage: -20°C to 60°C / -4°F to 140°F</td>
<td>Operating: 0°C to 50°C / 32°F to 122°F Storage: -20°C to 60°C / -4°F to 140°F</td>
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<td>Operating: 0°C to 50°C / 32°F to 122°F Storage: -20°C to 60°C / -4°F to 140°F</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>Operating: 10% to 90% / Storage: 5% to 95%</td>
<td>Operating: 10% to 90% / Storage: 5% to 95%</td>
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<td>Operating: 10% to 90% / Storage: 5% to 95%</td>
<td>Operating: 10% to 90% / Storage: 5% to 95%</td>
</tr>
<tr>
<td><strong>Impact resistance</strong></td>
<td>1.5 m (4.9 ft) multiple drops onto concrete</td>
<td>1.2 m (3.9 ft) multiple drops onto concrete</td>
<td>1.2 m (3.9 ft) multiple drops onto concrete</td>
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</tr>
<tr>
<td><strong>Ingress protection</strong></td>
<td>IP30</td>
<td>IP30</td>
<td>IP30</td>
<td>IP30</td>
<td>IP30</td>
</tr>
<tr>
<td><strong>Electrostatic discharge</strong></td>
<td>±8 kV contact ±15 kV air</td>
<td>±8 kV contact ±15 kV air</td>
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<td>±8 kV contact ±15 kV air</td>
<td>±8 kV contact ±15 kV air</td>
</tr>
<tr>
<td><strong>Regulatory Compliance</strong></td>
<td>BSMI, CE, ROM, FCC, IC</td>
<td>BSMI, CE, ROM, FCC, IC</td>
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<td>BSMI, CE, ROM, FCC, IC</td>
<td>BSMI, CE, ROM, FCC, IC</td>
</tr>
<tr>
<td><strong>Configuration</strong></td>
<td>Setup options include Windows®-based ScanMaster software, by direct connection or printing out barcode settings</td>
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<tr>
<td><strong>Accessories</strong></td>
<td>USB, RS232 and keyboard wedge cables, hands-free adjustable stand, Three-way desk/wall/auto-sense stand with optional weighted base, communication stand for up to 6 scanners, single battery charger for Bluetooth® scanner</td>
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</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>5 years</td>
<td>3 years</td>
<td>3 years (engine 1 year)</td>
<td>3 years</td>
<td>3 years (engine 1 year)</td>
</tr>
</tbody>
</table>

1. It is based on communication stand with weighted base. 2. The data is tested with USB interface.

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**HEADQUARTERS**
CipherLab Co., Ltd.
12F, 333 Dunhua S. Rd., Sec.2
Taipei, Taiwan 10669
Tel +886 2 8647 1168
Fax +886 2 8732 3300
www.cipherlab.com

**CipherLab Electronics Trading (Shanghai) Co., Ltd.**
J Room, 4F, No.729 West Yan’an Rd.
Changning District, Shanghai
China 200050
Tel +86 21 3368 0286
Fax +86 21 3368 0288
Toll Free 400 920 0285
Tel +86 21 3368 0286

**CipherLab USA Inc.**
2552 Summit Avenue STE 400
Plano, Texas, USA 75074
Tel +1 469 241 9779
Toll Free 888 300 9779
Fax +1 469 241 0697

**CipherLab Europe**
Flight Forum 40, 5657 DB Eindhoven,
The Nederlands
Tel +31 40 295 1510

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