KEY FEATURES AND FUNCTIONALITY

> USB2.0 output
> USB powered (no power supply), single interface cable (2m or 15cm options at time of purchase)
> B900 infra red illumination
> Bi-directional swiping
> Desktop mount for stable, non-slip swiping (optional, user installable)
> Can be attached to a keyboard, LCD or other device/mounting using 3M™ Dual Lock™ fasteners
> Windows® 7, Windows® 8.1, Windows® 10, Android and Linux® compatible
> Cable exit points are user changeable
> Read success is shown using a red, green, blue LED indicator
> Customer can design bespoke brackets, using dual screw fixing
> VCOMM interface for RTE6701 compatibility (other interfaces available, contact your sales representative)
> OEM and integrators options available

Product Use
The Gemalto MRZ Swipe Reader CR100 acquires the codeline data from Machine Readable Travel Documents (MRTDs) and other identity documents. Key benefits are:
> Small size
> Fast and accurate data capture
> Easy to use either left or right handed
> Desk mount or Keyboard/LCD/laptop attachment using double sided fasteners
> Bespoke bracket mount options for shelves and mobile devices
> Applicable to banking, border control, law enforcement, transportation, hotel, car hire and retail markets
> Perfect for registration, enrollment and duty-free applications

Reading Capability
> 2 and 3 line ICAO compliant documents in near infrared (IR) 875nm per ICAO 9303 specification Parts 1-4
> Near ICAO compliant travel documents such as French ID cards
> 1 line driving licenses to ISO 18013 as well as many other non-ICAO 1 line ID cards
> For information on reading other document types (e.g. bankers cheques) contact your sales representative

Comprehensive Software Development Kit
> SDK provides reader configuration application
> SDK includes DLLs and demonstration programs. Can be used with Visual C++®, Java® and Microsoft® .NET Framework for Visual Basic® .NET and Visual C#®

Power
> USB powered, <400mA peak

Status Indicators
> The Gemalto MRZ Swipe Reader CR100 provides user feedback via a user LED including power / self test indication. Status indicators can be under host control depending on control program loaded

Configuration
> Configurable via USB interface
> Non-volatile configuration held in reader
> Firmware can be updated in field
**Minimum PC Specifications**
Software must be installed on a customer-supplied PC, some aspects of read speed may be affected by PC specification. The following minimum configuration is recommended:
- 2 GHz Pentium® 4 CPU (Intel Core 2 Duo recommended)
- 1 GB DRAM
- USB 2.0
- 60 MB of Hard Drive space for software
- Windows® 7, Windows® 8.1 or Windows® 10 operating systems, 32 or 64 bit
- Builds for Ubuntu 16.04 and CentOS 6, 32 & 64 bit
- Android (limited SDK functionality)

**Regulatory**
- UL and UL-C, CB report
- FCC and CE (EMC)
- EU WEEE/REACH/RoHS

**Operating Environment**
- Operating Humidity: 40 to 90% (R.H. non-condensing)
- Operating Temperature: 5 °C to 35 °C (41 °F to 95 °F)

**Storage Humidity:** 40 to 95% (R.H. non-condensing)
**Storage Temperature:** -10 °C to 60 °C (14 °F to 140 °F)

**Models**
- CR100 with 15cm cable
- CR100 with 200cm cable
- CR100 with 15cm cable and desk mount
- CR100 with 200cm cable and desk mount
- CR100 with 14cm cable R/A connector
- CR100 OEM kit (read head, glass and cable)

**Standard Dimensions (Approx)**

<table>
<thead>
<tr>
<th></th>
<th>Basic module</th>
<th>With Desk Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length:</strong></td>
<td>9.6 cm (3.8”)</td>
<td>11.2 cm (4.4”)</td>
</tr>
<tr>
<td><strong>Width:</strong></td>
<td>3.3 cm (1.3”)</td>
<td>4.8 cm (1.9”)</td>
</tr>
<tr>
<td><strong>Height:</strong></td>
<td>4.7 cm (1.8”)</td>
<td>5.2 cm (2.0”)</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>110 g or 4 oz</td>
<td>150 g or 5.3 oz</td>
</tr>
</tbody>
</table>

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