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Gemalto MRZ Swipe Reader CR100

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

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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 ºC to 35 ºC (41 ºF to 95 ºF)

> Storage Humidity: 40 to 95% (R.H. non-condensing)
> Storage Temperature: -10 º to 60 ºC (14 ºF to 140 ºF)

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)

	Basic module	With Desk Mount
Length:	9.6 cm (3.8")	11.2 cm (4.4")
Width:	3.3 cm (1.3")	4.8 cm (1.9")
Height:	4.7 cm (1.8")	5.2 cm (2.0")
Weight:	110 g or 4 oz	150 g or 5.3 oz

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