



**Thales Intelligent  
Double-sided ID  
Card Reader  
CR5400i**

# Thales Intelligent Double-sided ID Card Reader CR5400i



## Identity & Biometrics Solutions

With built-in processing, the Thales Intelligent Double-sided ID Card Reader CR5400i inspects and images credit card sized identity documents (85 x 54mm) in the cloud and virtual computing environments typically used in visitor management, retail, financial, hospitality and similar operations.

## Ergonomic design

The Thales Intelligent Double-sided ID Card Reader CR5400i combines an intelligent iSeries cradle with the Thales Dual-sided Identity Card Reader CR5400 creating an intelligent iSeries networked ID card reader.

## iSeries Overview

The Intelligent "i" series readers include an embedded Arm® processor running Linux® meaning that for networked mode all the document processing is carried out on the reader. Ready for the cloud the Thales Intelligent Dual Sided Identity Card Reader uses web style encrypted JSON messaging to simplify application development, deployment and maintenance.

## Benefits

- **Swiftness and convenience:** Fast document processing, simply connect the document reader to your network, tablets, phones and SaaS applications
- **Intuitiveness:** simple drop-in action with automatic card ejection, illuminated card slot easily shows where to drop the card, multicolored status illuminations (LEDs) provides clear user feedback
- **Flexibility:** multiple options for deployment (mobile, portable or fixed point workstations, WiFi, POE/Ethernet, USB3 connections)
- **Cost-effective:** Faster development cycles and lower life time IT costs

## Key features



Anti-glare technology



ARM processor with SDK on-board



Data & cyber security built-in with Secure



Hoodless operations



Ethernet & WiFi



Bluetooth for device management



eDL reading

## Intelligent solution for enterprise environments

The Thales Intelligent iSeries readers are designed for today's connectivity environments where enterprise architectures and tablets are deployed to personalize your customer's visit.



### Retail

- ID fraud and loss prevention for example in mobile phone stores, casinos and car rental agencies
- Checking rights to access services/buy products (eGov)



### Financial Services

- New account enrolment for banks (KYC)
- ID verification for check cashing



### Hospitality

- Check-in and visitor management
- Vendor and employee vetting



### Government

- Identity card and driver's license verification for services



### Transportation and Car Rental

- Verify and capture driver's licenses



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IMAGING	
<b>Illumination</b>	<ul style="list-style-type: none"> <li>Near IR B900: 880nm, +/-5%</li> <li>White visible: 400-700nm</li> <li>Ultraviolet (UVA): 360-370nm</li> </ul>
<b>Resolution</b>	<ul style="list-style-type: none"> <li>Sensor: 10 Megapixels, CMOS, RGB 36 bit color</li> <li>Configurable image resolution, up to 630 DPI</li> </ul>
<b>Formats</b>	BMP, PNG or JPEG format
<b>Auto-triggering of document capture</b>	Yes
<b>Anti-glare technology</b>	Yes
READING CAPABILITIES	
<b>Optical Character Recognition (OCR) reading</b>	<ul style="list-style-type: none"> <li>ICAO compliant TD1 sized documents in near infrared (IR) per ICAO 9303 specification</li> <li>One line Driving Licenses in near infrared (IR) per ISO 18013 part 2 specification</li> </ul>
<b>Barcode reading</b>	<ul style="list-style-type: none"> <li>1D barcodes (2 of 5 interleaved, 2 of 5 industrial, Code 128, Code 39, EAN-8 and EAN-13)</li> <li>2D barcodes used on BCBP and other documents (PDF 417, QR Code®, DataMatrix™ and Aztec formats)</li> <li>AAMVA parser decodes North American driver license barcodes</li> </ul>
<b>Contactless RFID</b>	<ul style="list-style-type: none"> <li>ISO 14443 (13.56MHz) Type-A and Type-B RFID eMRTD reader. All standardized rates, up to 848 Kbps, read-out times depend on RFID tag, operating system and amount of data stored in the chip</li> </ul>
MECHANICAL (IMAGER & CRADLE)	
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>18.8 x 10.8 x 12.6 cm</li> <li>7.4 x 4.3 x 5.0 in</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>0.7 kg (1.5 lbs)</li> </ul>
INTERFACES	
<b>Ethernet</b>	10/100/1000 Mbps Ethernet to IEEE® 802®.3
<b>WiFi</b>	WiFi IEEE 802.11 b/g/n standards up to 150Mbps with WPA/ WPA2/ WEP
ELECTRONICS	
<b>Power</b>	Imager and Cradle – 1.8A max, 5V, Universal input wall-mount external power supply
<b>Minimum host specification in Networked Mode</b>	<ul style="list-style-type: none"> <li>Windows® 10 or Windows® 11 operating systems, 32 or 64 bit</li> <li>Builds for Ubuntu and CentOS LTS, 32 &amp; 64 bit</li> <li>iOS and macOS for iPhone and iPads, etc</li> <li>Android™ for mobile phones and tablets with network connectivity</li> <li>Java JVM</li> </ul>
ENVIRONMENT	
<b>Temperature</b>	Operating: -10° to 50° C ; Storage: -20° to 50° C
<b>Humidity</b>	20 to 95% (R.H. non-condensing)
MAINTENANCE	
<b>Service &amp; maintenance</b>	<ul style="list-style-type: none"> <li>Two-year warranty</li> <li>Extended warranty agreement available</li> </ul>
<b>Software upgrade</b>	Upgradeable software via the Web-API over the network or locally using the browser interface
CERTIFICATIONS	
FCC Part 15 Class A , CB report, UL UL-C, CE - RED, LVD & EMC, EU WEEE, REACH & RoHS	