Thales Intelligent Double-sided ID Card Reader
CR5400i

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Identity & Biometrics Solutions

With built-in processing, the TThales Intelligent Double-sided ID Card Reader CR5400i nspects 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 illuinations (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
Illumination	• Near IR B900: 880nm, +/-5% • White visible: 400-700nm • Ultraviolet (UVA): 360-370nm
Resolution	• Sensor: 10 Megapixels, CMOS, RGB 36 bit color • Configurable image resolution, up to 630 DPI
Formats	BMP, PNG or JPEG format
Auto-triggering of document capture	Yes
Anti-glare technology	Yes
	READING CAPABILITIES
Optical Character Recognition (OCR) reading	• ICAO compliant TD1 sized documentsin near infrared (IR) per ICAO 9303 specification • One line Driving Licenses in near infrared (IR) per ISO18013 part 2 specification
Barcode reading	• 1D barcodes (2 of 5 interleaved, 2 of 5 industrial, Code 128, Code 39, EAN-8 and EAN-13) • 2D barcodes used on BCBP and other documents (PDF 417, QR Code®, DataMatrix™ and Aztec formats) • AAMVA parser decodes North American driver license barcodes
Contactless RFID	• 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
	MECHANICAL (IMAGER & CRADLE)
Dimensions	• 18.8 x 10.8 x 12.6 cm • 7.4 x 4.3 x 5.0 in
Weight	• 0.7 kg (1.5 lbs)

	INTERFACES
Ethernet	10/100/1000 Mbps Ethernet to IEEE® 802®.3
WiFi	WiFi IEEE 802.11b/g/n standards up to 150Mbps with WPA/ WPA2/WEP
	ELECTRONICS
Power	Imager and Cradle – 1.8A max, 5V, Universal input wall-mount external power supply
Minimum host specification in Networked Mode	• Windows® 8.1, Windows® 10 or Windows® 11 operating systems, 32 or 64 bit Builds for • Ubuntu and CentOS LTS, 32 & 64 bit • iOS and macOS for iPhone and iPads, etc • Android™ for mobile phones and tablets with network connectivity • Java JVM
	ENVIRONMENT
Temperature	Operating: -10° to 50° C ; Storage: -20° to 50° C
Humidity	20 to 95% (R.H. non-condensing)
	MAINTENANCE
Service & maintenance	• Two-year warranty • Extended warranty agreement available
Software upgrade	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