



## DFR® 2300 Fingerprint Reader

For Fast, Accurate Capture

Millions of people around the world every day use our technology to access their bank records, receive pension benefits, secure patient records and protect against identity and voter fraud.

The DFR® 2300 is ideally suited for applications such as:

- Border crossings
- Payment processing centers
- Department of Motor Vehicle registrations
- Social benefit distribution centers
- Employee registration sites
- Financial institutions

Identifying hundreds or thousands of people on any given day requires a fingerprint reader that is not only durable and dependable, but also consistently captures high quality images over and over again. The DFR® 2300 fingerprint reader combines superior image capture with easy-to-use design, making it the perfect choice for all types of large-scale fingerprint programs including enrollment, verification and identification.

Building on the success of our DFR series, with thousands of readers deployed, our DFR 2300 can increase security, minimize identity fraud and protect the assets of citizens and employees. Designed for one or two-finger slaps and rolls, the DFR 2300 is ideal for government-mandated identification programs such as HSPD-12 in the United States.

### OPTIMUM DESIGN FOR EASE-OF-USE IN HIGH THROUGHPUT APPLICATIONS

- Makes it easy to position fingers thanks to an ergonomic design
- Overcomes challenges like dry fingers
- Accepts one or two-finger flats and rolls

### BETTER IMAGES FOR SUPERIOR MATCHING

- Captures images greater than 500 ppi resolution, exceeding FBI Appendix F requirements
- Delivers higher contrast, more gray-scale and less noise for clearer, more accurate images
- Minimizes artifacts without any silicon pads to change or replace

## Fingerprint Reader Specifications\*

<b>Model Number</b>	DFR® 2300
<b>Dimensions (H x W x D)</b>	1.5 x 4.2 x 5.5 in., 3.8 x 10.7 x 14 cm.
<b>Weight (nominal)</b>	0.46 lb., 0.2 kg.
<b>Platen Active Area (H x V)</b>	1.5 x 1.2 in., 38.1 x 30.5 mm.
<b>Scan Resolution (H x V)</b>	683 x 1074 pixels/in., 269 x 423 pixels/cm. Almost 3 times the pixels compared to a conventional 500 ppi scanner with the same field of view.
<b>Scan Depth</b>	8 bits/pixel or 256 gray levels
<b>Output Image Resolution (H x V)</b>	500 x 500 pixels/in., 197 pixels/cm.
<b>Capture Depth</b>	8 bits/pixel
<b>Linearity/Signal-to-Noise/CTF/Scanned gray levels</b>	Meets or exceeds FBI PIV specifications
<b>Geometric Distortion</b>	Exceeds FBI IQS PIV specification without calibration
<b>Quick Capture Platen</b>	Rugged, image enhancing platen coating supports quick capture of dry fingers. Field replaceable if damaged
<b>Illumination</b>	Monochromatic long-life LED
<b>Clean Image View™</b>	Powerful noise management technology ensures clear imaging of ridge detail
<b>Computer Interface</b>	USB 2.0
<b>Power Requirements</b>	USB powered (less than 2.5 watts)
<b>Operating Environment (nominal)</b>	Ambient temperature 40 -104° F (5 -40° C) Relative humidity 10-90% non-condensing Altitude 0 – 7500ft (2460 m) AMSL
<b>Logical Scanner/Host Interface</b>	DFR-2300 SDK includes application program interface and device drivers for Windows XP and Vista operating system. Available on request)
<b>Certifications</b>	PIV Certified, RoHS and CE compliant

\* Specifications subject to change without notice

© 2009 L-1 Identity Solutions Biometrics Division. All rights reserved.

5705 W. Old Shakopee Rd.  
 Suite 100  
 Bloomington, MN 55437  
 Telephone 952-932-0888  
 Facsimile 952-932-7181

[www.L1id.com](http://www.L1id.com)