



DFR® 2100/2130 Single Finger Reader

Better Matching Performance

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® 2100/2130 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 time and time again. The DFR® 2100/2130 single finger 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. Available in two different models, you can select the reader to best meet your application needs.

Building on the success of our DFR series, with thousands of readers deployed, the DFR 2100/2130 enables you to increase security, minimize identity fraud and protect the assets of citizens and employees. The DFR 2100/2130 single finger reader consistently provides better image quality for superior matching performance. In addition, this reader's design makes it easier to capture

fingerprints resulting in faster processing and higher throughput.

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

OPTIMUM DESIGN FOR EASE-OF-USE AND HIGH THROUGHPUT

- Makes it easy to position fingers thanks to an ergonomic design
- Overcomes challenges like dry fingers
- USB2 models accept both flats and rolls (DFR® 2130 model has wider platen)

Single Finger Reader Specifications

Model Number	DFR® 2100, DFR® 2130
Resolution	500 dpi x 500 dpi +/- 3% nominal, <0.3% typical. The maximum active image area is used for image size of 720 x 720 pixels with resolution of 686 ppi.
Forensic Platen Active Area	DFR® 2100: 1.05in. x 1.05 in. (25mm x 25mm) DFR® 2130: 1.18in. x 1.18in. (30mm x 30mm)
Modulation Transfer Function	Exceeds FBI Appendix F Certification requirements
Geometric Distortion	Geometric image accuracy +/-1.0% for distances between 0.07in. and 1.5 in., and a constant 0.001in. (1/2 pixel) for distances less than or equal to 0.07in.
Fingerprint Image Gray-Scale	8 bit gray-scale output
Output	DFR® 2100 USB Version 1.1, 12Mbps transfer rate DFR® 2100 USB2: USB Version 2.0, 480 Mbps transfer rate DFR® 2130: USB Version 2.0, 480 Mbps transfer rate
USB Connector	Type A Female (6' A-B cable supplied)
Distortion	Less than 1% trapezoidal
Size and Weight	4.45"H x 2.81"W x 7.26"D (113mm x 71.5mm x 184.5mm) 1.36lbs. (616.9 grams)
Operating Temperature	40° to 104° F (5° to 40° C)
Storage Temperature	0 to +60° C
Operating Humidity	20-80% non-condensing
Certifications	FCC Part 15 Subpart B, RoHS compliant and CE (DFR-2100-USB2)

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

www.L1id.com