

Identix DFR[®]-90

Direct Fingerprint Reader

The World Standard in Single Finger Imaging

The Identix DFR-90 Direct Fingerprint Reader is a highly reliable and ergonomic single-finger scanner that supports the capture (when used with an appropriate framegrabber PC interface) of 500 dpi forensic-quality fingerprint images and outputs a standard RS-170 video signal.



The Identix[®] DFR[®]-90's unique finger cradle guide positions the finger for optimal scanning on the first try. And the stand-off platen design comfortably accommodates hand positions for either finger or thumb imaging for application to a wide variety of commercial and government identification systems.

The DFR-90 is the trusted leader for single-finger imaging solutions worldwide, from Department of Motor Vehicle registration to international Social Security administration programs. Customer-supplied AFIS systems using the DFR-90 can provide accurate minutiae extraction and encoding in ANSI/NIST Type 9 or other proprietary record formats.

The scanner's hardened platen surface holds up to heavy-duty use. There are no moving parts that require adjustment, making calibration unnecessary. The DFR-90 has a proven history of reliable service, with more than 5000 units installed.

Features

- ▄ Precision-engineered platen area assures true forensic 500-dpi resolution
- ▄ Unique finger guiding cradle ensures optimal finger placement every time
- ▄ User-replaceable platen assembly for low Mean Time to Recover (MTTR)

Advantages

- ▄ Ergonomic stand-off design fits all hand positions
- ▄ Non-conductive engineered polymer case protects the camera and optics
- ▄ No moving parts to adjust
- ▄ High reliability over a large installed base

Specifications

Resolution: 500 dpi x 500 dpi +/- 3%, when sampled at 12.2727 MHz

Gray Scale: 256 shades of gray

Platen Active Area: 0.8 x 1.0 inches (20mm x 25mm)

Distortion: 1.0% trapezoid

Video Output: RS-170, BNC Female

Video Output Signal: 1 volt p-p into 75 ohm terminated

Video Output Scan Rate: 30 frames/sec interlaced

Power Input: 12 vdc at 10w

Approx. Size: 6"H x 2.75"W x 7.5"D (15cm x 7cm x 19cm)

Approx. Weight: 2 lbs (0.9 kgs)

Ambient Temperature: 40 to 95 F (5 to 35 C)

Humidity: 20 to 80%, non-condensing

Product Number: DFR-90

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