

MatriXcan Panel

Revolutionary MatriXcan Panel for capturing best quality of images

MatriXcan Mapping

BPS

Bipolar Sampling

PRS

Partial Response Synthesis

PNZ

Pixel Normalization

AGS

Anti Ghosting Scan

MatriXcan Extracting

Extract most minutiae you've ever seen

MatriXcan™

REVOLUTIONARY TECHNOLOGY

Differing from two kinds of typical fingerprint verification solution, optical and capacitive, iMD's world-leading technology MatriXcan™ is able to capture the best quality of fingerprint images, to extract most minutiae you have ever seen, and to output with outstanding speed and security.

MatriXcan™, the extremely clear and distinct images captured on dry, worn and wet fingers makes the high possibility to adapt all sorts of finger conditions without exceptions.

ANSWER IS
YOUR ANSWER

INDICUS

GF421DR

Fingerprint Reader
High Compatibility



FEATURE

- Remarkable GF Series Fingerprint Sensor!
- 1 finger registration/verification
- Outstanding image quality on dry/ worn/ wet fingers
- Low power consumption
- LED status indicator
- Latent print, UV, strong light resistance
- Live Finger Detection
- Hard surface for scratch protection
- Excellent ESD performance
- High security and reliability
- Ingress protection IP65

SPECIFICATIONS

Item	Parameters
Model Name	GF421DR
Image Size	300 Pixels x 400 Pixels
Sensing Area	15.24 mm x 20.32 mm
Platen Area	15.84 mm x 35.89 mm
Resolution	500 dpi / 256 grayscale
FPS	Flats: 11/sec
LED status	RGB
LFD	Supported
Power Consumption (read image)	95 mA
Power Consumption (standby)	80~90 mA
Interface	USB Type-C
Device Size	73.2 mm x 51.4 mm x 21.77 mm
Device Weight	46.3 g
ESD Level	IEC 61000-4-2 Level 4
OS Support	Windows7+; Linux(X64, ARM); Android 4.2+
Certifications	FBI: PIV (FAP20) / FCC / CE / RoHS / RCA / UV
IP Rating	IP65
Temperature [Operation / Storage]	-10°C ~ +55°C / -40°C ~ +80°C