Hisign Finger/Palm Print Scanners

Finger/palm print acquisition devices are indispensable in implementing any automated biometric identification system including fingerprint and/or palm print matching capabilities. We have designed, manufactured and deployed different types of live scanner devices for our users to be applied in biometric collection for various ABIS projects. There are single fingerprint scanner, slap (4-4-2) fingerprint scanner and palm print scanners.

HX-R8062U

PFS801BU

HX-P5321U

HX-P5321U

FEATURES

Fine art optical prism and lens design for perfect 500dpi imaging at low distortion

Heating and defogging function to eliminate foggy condensation generated on palm print platen surface

APPLICATIONS

◆ Forensic and law enforcement

◆ Civil registry, digital ID and population management

◆ Social security, social services, and social governance

◆ Public security and safety

◆ Border control

◆ Secured banking

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▶▶ Finger/palm print collection support diagram

Model	HX-R8062U	PFS801BU	HX-P5321U	HX-P200
Single finger Flat	✓	✓	✓	✓
Rolled fingerprint	✓	✓	✓	✓
4 finger flat print		✓	✓	✓
2-thumb print		✓	✓	✓
Lower palm print			✓	✓
Writer's palm print			✓	✓

▶▶ Specifications

Model	HX-R8062U	PFS801BU	HX-P5321U	HX-P200
Image Resolution	500 dpi			
Grayscale Level	256			
Optical Distortion	<1%			
Platen Size	36×39mm	100x85mm	133x133mm	133mm×125mm
Fingerprint Pixels	640x640 pixel	640x640 pixel	640x640 pixel	640x640 pixel
4-finger print pixel		1600x1500 pixel	1600x1500 pixel	1600x1500 pixel
Palm print pixel			2304 pixel × 2304 pixel	
Interface	USB 2.0			
Operating System	Windows 7/10			
Touchscreen Size				10.1"
Screen Type				Capacitive touch screen
Screen Resolution				1080P
Power Source	USB		230V AC	
Temperature	0ºC~45 ºC	-10ºC~55 ºC		
Humidity	20~80%	10~90%	20~80%	20~80%
Device Dimension	170×85×76mm	150×150×130mm	350mm×270mm×190mm	350mm x 270mm x 195mm
Weight	0.695KG	1.85KG	10KG	11KG