

Fingerprint USB Reader

Introduction

Fingerprint USB Reader is a secondary on-line development system support product having a connection with a PC via USB port. Capturing and processing of fingerprint images are incorporated on this device. It forms a secondary on-line development support product together with an on-line fingerprint processing program module. The device consists of an optical reader and a board with an on-line fingerprint processing board (USB2.0 fingerprint processing board) and an image input board incorporated on it.

Configuration:



Features:

It is simple to install and operate the device because of its connection with a PC via the USB port.

With its support to USB2.0, the device provides higher performances (image capture, fingerprint processing and matching speed) than the previous version USB1.1.

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Specification:

Item	Specification			
Style	USB on-line			
Image Capture time	Less than 250ms under USB1.1			
	Less than 50ms under USB2.0			
Matching Mod	1:1 or 1:N			
Matching Time	30,000 fingerprints/s			
FAR	Less than 0.0001%			
FRR	Less than 0.01%			
1:1 Matching Performance	Matching Threshold	High	FAR	Less than 0.0001 %
			FRR	Less than 0.005 %
		Middle	FAR	Less than 0.001 %
			FRR	Less than 0.002 %
		Low	FAR	Less than 0.01 %
			FRR	0.001 %
Capacity	10,000 or 30,000 fingerprints			
COM Port	USB2.0/1.1			
Dimension	120(L) × 57(W) × 57(H) mm			
Working Environment	Temperature: 0 ° ~ 60			
	Humidity 20% ~ 60%			
Keeping Environment	Inner environment at brightness of 2,000 Lux and downwards			
	Temperature: -10 ~ 80			
Keeping Environment	Humidity: 10% ~ 90%			