

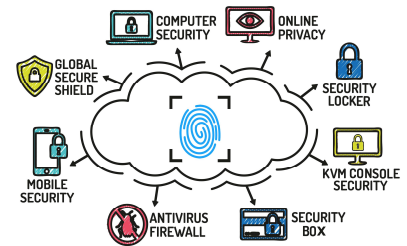
FPM-IFE336

Capacity Fingerprint Recognition Module

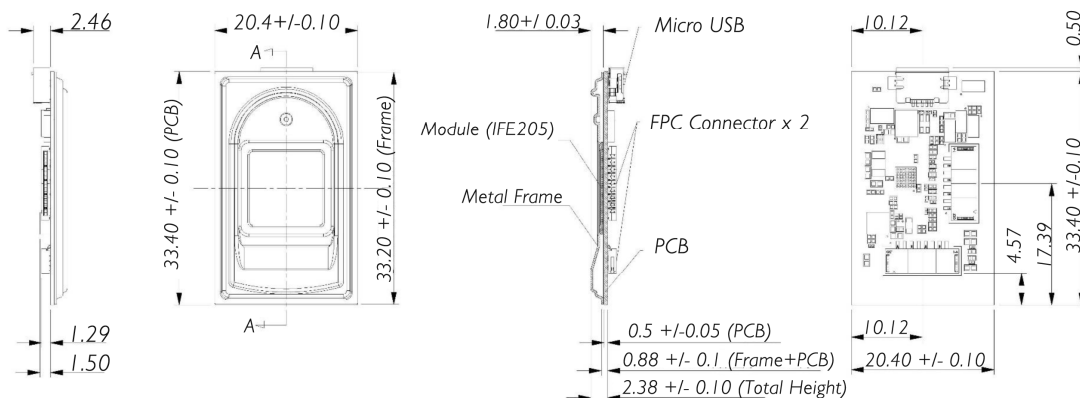


FPM-IFE336 capacity fingerprint recognition module is a standalone solution with IFE fingerprint sensor, algorithm processor and on-board template storage. As a total solution the FPM-IFE336 can be used standalone or connected to a host CPU over USB, UART or GPIO. It can be widely applied in various fields such as access control systems, locks and safes, medical equipment, security applications and time & attendance.

SPECIFICATION		
CPU	CPU: ATMEL SAMG55G19A/WLCSP49; Core: Cortex-M4 120 MHz, 160Kbytes SRAM, 512Kbytes Flash	
Resolution	508 DPI	
Sensing Area	10 x 10mm	
Sensor Type	Capacitance Type	
Interface	USB, UART, GPIO	
Authentication	Verify (1:1) or Identify (1:N)	
Hardness / Surface	Up to 8H / Cermet-like Coating	
Security Key / Security Level	64-bit encrypted / Level 1 ~ Level 7 (default: Level3)	
FAR / FRR	< 0.01% (Security Level 3) / < 1% (Security Level 3)	
No. of Placements	> 2.5 million finger placements	
Power input	3.8V ~ 7V	
Anti-ESD	HBM Air Discharging +/-15KV	
Pixel matrix / Color	192 x 192 pixels / 256 true gray scale values	
Number of IDs	32 USER_IDS (3 templates/ each); UART mode: 32 IDs / GPIO mode: 32 IDs	
Connector Type	8 pin, 1mm pitch FPC connector; Micro USB connector	
Environment	Operating Tem	20 ~ 60° C / < RH 90%
	Storage Temp.	-20 ~ 85° C / < RH 90%
Module Dimension	20.4x 33.4x 4.75mm (W x L x T)	
Weight	3.3 gram	



DIMENSION



* Features and specification are subject to change without notice.



DIGIMORE ELECTRONICS CO., LTD

10 Fl., No. 61, Yan-Ping S. Rd., Taipei 100, Taiwan

TEL: +886 2 2311 3299 FAX: +886 2 2311 3375

Email: info@digimore.com.tw <http://www.digimore.com.tw>