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ED 2010/2011

Fingerprint Embedded Module

IDspire's ED 2010/2011 is a powerful optical fingerprint OEM embedded module. It not only features IDspire's core fingerprint sensor technology of 500 ppi high resolution and 10mm ultra-slim optical sensor, but also incorporates high performance algorithm with up to 5000 finger templates. ED 2010/2011 performs the lowest FAR and FRR and operates at quick verification and identification speed. It is compatible with standard UART/USB interface (optional), which is ideal for various biometric applications in the market.



Specification

Fingerprint Sensor	IDspire 10mm Optical Sensor
Image Resolution	500 ppi
Scan Area	14 mm x 18 mm
Fingerprint Capacity	5000 templates
User ID Capacity	1 user ID max.10 templates
Template Size	624 bytes
Identification Time	< 1 second (1:N)
Verification Time	< 1 second (1:1)
FAR	0.01%
FRR	0.1%
Interface (optional)	UART (Model No. ED 2010) USB (Model No. ED 2011)
ESD Resistance	Air 8kV, contact 4kV
Operating Temperature	-10°C~50°C
Weight	21 g
Dimensions	Sensor: 35 mm x 26 mm x 10 mm PCBA: 60 mm x 30 mm x 4 mm

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Specifications are subject to change without notice.