

TCO310

Optical Fingerprint Reader

Safe and convenient · Easy to use and durable

TCO310 fingerprint reader is an optical fingerprint acquisition module device independently developed by Eyecool. It has high-efficiency fingerprint acquisition function. Its upper surface is made of tempered glass, with excellent tactile sensation and strong finger detection function. It can realize fingerprint registration, identification and verification functions with the upper machine. The device is easy to carry and embedded into third-party equipment, which solves the problem of limited space for the installation of the scanners.



Feature Encryption

Support encryption of data features, support 3DES, RSA and other encryption algorithms.



Accurate and Convenient

Support fingerprint comparison within the module memory, making identity authentication more convenient.



Exquisite Appearance

The upper surface is made of tempered glass, with excellent tactility.



Compact Size

Compact device, easy to carry, integrate, and embedded in third-party equipment.



Standardized Format

Compatible with FBI-PIV, MINEX III, ISO19794-2 and NIST-378 standards



Complete Certification

The device has obtained FBI-PIV, CE, ROHS, WEEE, WHQL(win7 / 8 / 8.1 / 10) certification, and passed India's STQC and BIS certification.

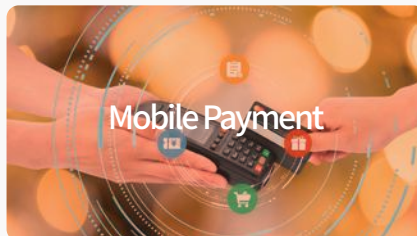
Performance Index

Dimensions 56×36×16mm	Resolution 500ppi	Image Gray Scale 256	Capture Speed >15 frames per second
Distortion <1%	Interface USB2.0	Voltage 5V	Standby Current ≤30mA
Working Current ≤250mA	Relative Humidity 93%	Standard Image Size 256×360 pixels	
Storage Temperature -40°C~60°C		Working Temperature -10°C~55°C	

Application Scenarios



Fingerprint biometric information collection, deduplication and identity verification of legal voters in election scenario.



It can be integrated into mobile payment devices such as POS machines to instantly confirm the identity of traders



Bank tellers biometric login bank internal system using fingerprint reader.

Certificates

Second Prize of National Technology Invention Award



Second Place of Face and Iris Recognition Algorithm Competition



More than 400 patents
108 national industry standards
80% financial customer coverage

