

IR201

Compact Contactless Iris Scanner



The Aratek IR201 brings contactless iris recognition into a compact scanner that is easy to deploy across desks, counters, registration stations, and mobile setups. Automatic iris capture and clear LED guidance help simplify operation for both users and operators during enrollment and verification. With ISO/IEC 19794-6 support, comprehensive SDKs, and Windows, Android, and Linux compatibility, the IR201 integrates smoothly into national ID, border control, e-passport, healthcare, financial services, law enforcement, and other identity applications.



Contactless Iris Recognition

Supports iris capture without physical contact for a cleaner and more comfortable user experience.



ISO/IEC Iris Image Format

Supports ISO/IEC 19794-6 for standardized iris image data exchange.



Compact Deployment Design

Compact design supports use on desks, counters, registration stations, and mobile setups.



Flexible Mounting Options

Supports desktop use, monitor mounting, or tripod setup for different deployment environments.



Automatic Iris Capture

Automatic capture helps reduce operator adjustment and streamline enrollment and verification.



Intuitive LED Guidance

LED indicators provide clear visual feedback to help users complete capture more smoothly.



Comprehensive SDK Support

A complete iris SDK helps simplify iris recognition integration into identity management systems.



Multi-Platform Support

Supports Windows, Android, and Linux systems for flexible deployment across different host environments.

IR201 Compact Contactless Iris Scanner

Basic

Dimension (W*L*H)	26*120*40 mm
Weight	175g
Installation	Desktop, Fixed on tripod, or Hang on monitor

Performance Parameter

Device Type	Contactless IRIS Scanner
Enrollment Time	<2s
Recognition Time	<1s
Accuracy	FRR<0.1%, FAR<0.0001%
Capture Distance	50-80 cm
Infrared LED Band	810nm
Capture Mode	Automatic
Recognition Mode	Binocular or Monocular
Power	USB, 5V
Cable Length	1.8 m
Image Format	ISO/IEC 19794-6

Supported OS

Supported OS	Windows, Android, Linux
CPU	X86 CPU, 2 core 2.0G or above ARM CPU, 4 core 1.2G or above
RAM	At least 2G
Storage	At least 8G



Applications

- National ID
- Healthcare
- Finance and Banking
- Border Control
- e-Passports
- Law Enforcement

Aratek Biometrics Co., Ltd.

10F, No. 131, Songjiang Road, Zhongshan District, Taipei City 10491, Taiwan
Tel: +886 2-2501-0001
E-Mail: sales@aratek.co

ARATEK
www.aratek.co