ARATEK

IR201

Iris Scanner

Iris Enrollment and Verification Scanner

The Aratek IR201 iris scanner is designed for ultimate ease of use and flexibility. Its USB connectivity allows for versatile deployment options, including attachment to PCs, laptops, monitors, desktops, or tripods. The IR201 supports long-distance, binocular real-time iris enrollment and recognition, catering to a broad range of applications. With a driver-free, plug-and-play setup and an intuitive LED status indicator, the IR201 streamlines the scanning process and enhances user interaction. Its contactless nature promotes hygienic scanning, essential for secure and efficient iris recognition in today's health-conscious environments. Ideal for applications in healthcare, border control, financial services, and more, the IR201 is your ultimate tool for flexible and reliable iris recognition.

Features

- **High Quality Iris Capturing and Matching**
  Features a miniaturized, high-definition iris camera for capturing detailed iris images in real-time.
- **Contactless Operation**
  Offers contactless iris image capture from a distance, enhancing user comfort and safety.
- **Intuitive LED Indicators**
  Features a ring-shaped LED light strip that visually indicates the outcome of the identification process, with green for success and red for failure.
- **International Standard**
  ISO/IEC 19794-6 supported
- **Wide OS Support**
  Windows, Android, and Linux are all supported.
- **Comprehensive SDK**
  Provides a comprehensive SDK for seamless integration of iris recognition into any existing ID management system.

Applications

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

IR201 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