OKI®

OKI® IRISPASS-WG

Full Automatic Iris Camera and Iris Recognition Software

The best performance in Biometrics
<u>Accurate</u> – <u>Fast</u> – <u>Simple</u>

HIGHLIGHTS:

- Full Automatic Iris Camera with embedded face finder algorithm
- Totally safe, non-invasive technology
- Highly accurate: <1/1,200,000 false acceptance rate [1]
- Identification accepted/rejected in less than three seconds
- Quick enrollment by both eyes capturing
- For Gate Access Control configuration, up to 127 secure gates or doors per system
- Simple to set up and administer
- Gate Access Controller software utilizes familiar Windows® GUI
- BioAPI Standard compliant software available
- Iridian PrivateID® compliant software available
- Ethernet (10/100 Base-Tx) LAN compatibility
- Gate Access Control Output:
  Electric lock interface x1,
  Wiegand x2,
  RS-485(output only) x1
- Ideal for:
  - Government installations and other public offices
  - Airport and aviation security
  - High-security office buildings
  - Laboratories and factories
  - Electric-power plants and gas companies
  - Financial institutions
  - Information centers

The most accurate technology

No two human irises are alike, not even those of your own left and right eye. Which makes iris recognition the most accurate form of biometric measurement. The iris recognition technology used by the OKI IRISPASS-WG Full Automatic camera to authenticate a person's identity and grant or deny access to restricted areas is the most accurate in the marketplace.

When used in place of a "smart" card or password, iris recognition via OKI IRISPASS-WG is virtually infallible, with a false acceptance rate of less than one in 1,200,000! [1] Smart cards and passwords can be obtained through theft or fraudulent means. It is virtually impossible to fool an iris scan.

Simple procedure keeps things moving

An employee approaches a desired door and stands 1 to 2 feet from the OKI IRISPASS-WG scanning device mounted on an adjacent wall.
The scanner takes a video-based image of his or her iris. There is no direct contact with the hardware, no piercing light or laser beam (of the types used in retinal scans). And, following the easy set-up and initial scan to establish a secure registration file, subsequent identification takes less than three seconds. [2]
OKI IRISPASS-WG is safe and convenient: even users wearing eyeglasses or contact lenses can be readily accommodated. [3]

Benefits accrue all levels

Utilizing an OKI IRISPASS-WG Full Automatic Iris Camera:

• *Increases user productivity*
Because there is no longer reason to worry about forgotten passwords, PINs or lost cards, users and administrators can concentrate on important work rather than the replacement process.

• *Reduces administrative costs*
Once individual users are registered, very little cost is incurred. Passwords and cards no longer have to be issued, managed or routinely changed. No additional access security procedures are necessary.

• *Enables processing a large user base*
Because of its incredibly fast performance, the OKI IRISPASS-WG security identification system can keep access to important areas smoothly and efficiently under control —as well as handle future increases in the user population.

The OKI IRISPASS-WG, when it comes to protecting your premises, the "eyes have it."

Software

• *Gate Access Control System*
Administrative software for user enrollment and data distribution to each Control Units. The software manages up to127 Control units per system and up to 2,000 users can be enrolled into the system.

• *Software Development Kit (SDK)*
OKI provides software packages compliant to standard APIs. If you are a system integrator or a value added distributor, you will find the best solution. BioAPI compliant SDK is available from OKI and Private ID® compliant SDK is available from Iridian Technologies.

1 Single-eye cross reference.
2 Software on computer with Pentium® III 600 MHz processor.
3 Exceptions include dark or reflective sunglasses and patterned contact lenses, which must be removed prior to scan.

OKI® IRISPASS-WG

Full Automatic Iris Camera

The OKI IRISPASS-WG is simple to use: the user stands one to two feet from the wall-mounted device, gazes into the iris scanner, and identification is verified in less than 3 seconds!

Approach

Just a glance

Unlock the key

System Configuration

• Gate Access Control System

Control Device

Enrollment Station

Camera unit

Control unit

LAN

Gate (Door)

Control unit
Max. 2 camera units per one Control unit

Camera unit

Camera unit

Identification Device

Gate (Door)

Control unit
Max. 127

Camera unit

Identification Device

• Server/Client Authentication System.

Iris Server

Application for Enrollment Station

Camera unit

Control unit

LAN

Control unit

Application for Client

Camera unit

Control unit

Application for Client

Camera unit

Specifications

Performance
Identification Rate: 99.9% or higher
Identification Speed: 3 second or less [1]
False Acceptance Rate: 0.000083% or less

Environmental
Power Supply: AC100-120V, $\pm$10%; 50/60Hz;
AC220-240V, $\pm$10%; 50/60Hz
Power Consumption: 230VA, max.
Operating Temp: 0 - 40deg.C
Operating Humidity: 30% - 85% (@ 30dig.C)
excluding Control Unit
– no outdoor installations
Size (WxDxH): Control Unit – 380 x 410 x 90 [mm];
Camera Unit – 430 x 211 x 80 [mm]
Weight: Control Unit – 10 kg;
Camera Unit – 6 kg

Networking
LAN Connectivity: 10/100 Base-Tx

Specifications for Gate Access Control

System Size
Max. Gates/Doors: 127
Max. Registrants: 2,000 per system;
1,000 per gate

Output
Electric lock x1, Wiegand x2, RS-485 x1 (Output only)

System Requirements
CPU: Pentium® II 400 MHz or faster
Memory: 128MB minimum

Compatibility
OS Support: Windows® 2000

1 In the Server/Client authentication system, the specifications depend on the system.

Specifications are subject to change without notice.

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Web Site: www.oki.com/iris