

Portable binocular iris recognition product IR-2800D



IR-2800 is a portable binocular iris recognition product independently and it can be used for acquisition and recognition of high-quality binocular iris images. With the USB2.0 interface, the product is compatible with any X86 computer. In addition, the product is the smallest binocular iris recognition USB product in the world at present. For the appearance, the full metal shell with impact and vibration resistance is used in IR-2800. The three-color (red, green and blue) LED indicator is used for optical and voice guidance, distance prompts and result feedback. With the perfect combination of the security kernel and cool appearance, the user can experience future cutting-edge technology.



Dual Iris Cameras



LED Indicators



Slip Resistance

IR-2800 is developed based on the supporting iris recognition SDK development kit to meet the needs of various users in the industry, such as operating system login, data file encryption/decryption, operation permission management, user authorization, digital signature, etc.

Features:

- Wall-mounted, concealed wiring and suitable for use in narrow space.
- Supporting iris recognition SDK development kit.
- Support more than 10,000 users.
- Use of three-color (red, green and blue) LED indicator for distance indication and result feedback.
- Standard USB2.0, compatible with all computers.
- Built-in binocular iris camera.
- The infrared auxiliary light source complies with the safety standards of Europe and the United States, with no harm to the eyes.
- Global unique iris recognition product supporting various operating systems, such as Windows XP/7/8/CE, Linux and Android.

advantages:

- Compact size, stable and easy to carry
- USB interface for power supply, requiring no additional power adapter.
- High speed and high pass rate.
- Non-contact and clean.
- Low power consumption, energy-saving and environmentally-friendly.

Applications:

The product is mainly applied in the information safety field, such as social insurance, finance, electronic payment, file encryption, examination room management, identity authentication, etc.

Technical Specifications:

Working mode	Online mode	Working distance	160mm-200mm
Recognition mode	Binocular/monocular	Precision	FAR<0.0001% FRR<1%
Operating temperature	-20°C-60°C	Operation prompts	Voice and optical guidance
Ambient humidity	20%-80%	Interface	USB2.0
Ambient light intensity	0-5000Lux	Iris image	Meet the international standard ISO/IEC19794-6: 2005.
Registration time	≤3S	Lighting	Infrared lighting meets the ANSI/IEC international safety standard.
Recognition time	<2S	Product size	105mm*43mm*26mm
Weight	150g	Power supply	USB power supply, requiring no auxiliary power supply.
Touch screen	None	Power consumption	<2W
Acquisition mode	Non-contact automatic trigger	Optional accessory	Non-slip handle, Dog Shell