

TCI322

Binocular Iris Collector

Binocular recognition · Accurate and reliable

EyeCool binocular iris collector (TCI322) is an iris image acquisition device that meets the technical requirements of public security criminal investigation, enabling iris information collection and identity verification. Adopting the binocular structure design, it is easy to use and ergonomic, and suitable for all kinds of people in iris collection and identity verification scenarios.



Accurate and convenient

Supports iris collection and recognition at the
Realizes user identity verification



Unique appearance

Adopts the binocular structure design, immune to disturbance from light



System integration

Supports integrating with the criminal professional system
Realizes iris identity verification



Friendly interaction

Supports integrating with the criminal professional system
Realizes iris identity verification

Performance metrics

Operating mode Binocular Iris	Basic function Iris collection	Device recognition ≥4 lp/mm	Iris sampling resolution ≥20pixel/mm
Iris radius ≥ 1MP	Gray scale 256 levels	Iris and sclera contrast ≥10	Iris and pupil contrast ≥30
weight 450g	Interface form USB 2.0 interface	Device startup time <1s	Operating voltage DC5V(±5%)
Operating system Support 32/64 bit Windows series, Linux operating system		Dimensions 207mm × 148mm × 65mm (length X width X height)	
Installation method No need to install, plug and use		Percentage of effective iris area ≥60%	

Application scenarios

Placed in basic personnel information integration collection rooms for iris image collection; placed at key checkpoints for iris information collection and identity verification of key personnel and criminal offenders; provides efficient and shared iris comparison services for all police types



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 
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