OVERVIEW
Techshino’s patent-pending iris camera module combined with Techshino’s award-winning iris algorithm empowers mobile devices, such as smartphones and tablets, with swift, easy and reliable biometric identification and authentication for mobile use scenarios.

FEATURES
> Processes low-quality iris images and performs well under less-than-optimal lighting conditions.
> Authenticates at a natural and comfortable distance, 17 to 30 cm (7 to 12 inches) away from the mobile device.
> Provides a protected security area within the module to house the match engine, templates and authentication processes. This prevents sensitive data from being hacked.
> Can be integrated with Techshino’s multi-modality including fingerprint, face, voice, and security tokens.

SPECIFICATIONS
- Dimensions (WxHxD): 5.5x4x5.5mm (0.22x0.08x0.22 inches)
- Operating Range: 170-300mm (6.69-11.81 inches)
- Template Size: 512 bytes
- FRR: <0.01%
- FAR: <0.0001%
- Processing Speed: <1s
- Verification Speed: 1: 1,000,000/s single core cpu
- Recognition mode: single eye/ dual eyes
- Image Format: complies with ISO 19794-6
- Sensor: 2 megapixel
- Resolution: 1920x1080
- Iris image: 140-170 pixels

APPLICATIONS
Iris recognition as an emerging biometric technology has outperformed many other technologies in terms of stability, accuracy, speed, non-intrusive nature, and difficulty to forge. Techshino’s iris module integrated into mobile devices can be used for:
- Mobile apps – transaction authentication, Indian UID apps
- Time and attendance
- Logical access control
- Physical access control
- Patient identification
- Iris + Face Authentication
- Protect Internet account logins, authorizations for payments, etc.
- Encrypt docs, file folders, and Emails
- Iris Recognition as easy as a simple look at your mobile device.