

Iris recognition in 0.3 seconds

The new BM-ET200 Iris Reader from Panasonic Security Systems combines Panasonic's core video and imaging technology with a new iris image capture engine and dual mirror design, delivering a faster, more accurate and easy to use form of non-invasive biometric identification and authentication.

The BM-ET200 is simple to configure and with Panasonic's new high-speed capture engine, recognition is achieved in 0.3 seconds. Two mirrors mounted on the front panel make it easy for the individual to align the eyes for accurate reading, capturing a detailed image of both irises for maximum accuracy. The BM-ET200 also provides voice instructions (14 languages supported) for operational assistance and recognition results. Additionally, the camera unit swivels up and down to accommodate users from 152 cm to 180 cm. Taller users can bend over the system. The new iris reader can either be used as part of a standalone system or integrated into a larger network.

Iris recognition technology allows fast one-to-many searches on a large database. The system's enrollment and authentication algorithm, developed by Iridian Technologies, makes a template or "map" of each person's iris pattern, for storage on a database or onto an access card or token. To verify identity, an individual simply 'looks into' the iris reader and the system compares his or her iris pattern images with iris templates stored in the database or portable device. If there is a match, the identity is verified.



An advanced capture engine and dual mirror design in Panasonic's new iris reader allows faster and more accurate identification and authentication.

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Fingerprint vehicle anti-theft device

Designed and recently released by SID Protect Inc., SID is an anti-theft device for vehicles that uses fingerprint biometrics. When SID is fitted to a vehicle, only those whose fingerprints are registered in the device can start the vehicle.

SID ensures that only those who have been authorised by the vehicle owner can operate the vehicle. It does not replace the ignition key, but provides an additional level of security using a person's unique fingerprint. To be able to start the vehicle, a person must have the ignition key and also have their fingerprint registered in SID.

Up to 21 users, including the owner can be registered in the device. The owner acts as the administrator for SID and is



the only person able to add or delete users and set or change the optional PIN code. This gives the owner complete control of the system and ensures that only the people he or she authorises are enrolled in SID.



SID also features a valet mode for occasions when someone other than an enrolled user – for example, when a vehicle is being serviced or repaired – needs to be able to use the vehicle. Any enrolled user can put the vehicle into valet mode and take it out of valet mode.

SID can be installed on virtually any type of vehicle such as cars, trucks, buses and SUVs.

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