



EyePay[®] Phone

Contactless iris recognition for verified onboarding and payment authentication



IrisGuard Smartphone

Contact Free Iris Recognition

Key features & benefits

- 1** The **EyePay®Phone-IG 100**, an Android smartphone has been custom designed and built by IrisGuard as part of a full suite of Iris verification devices and services from IrisGuard and is provisioned to be seamlessly integrated by a client into a host of available back-end systems. These can be held by the client or managed by ourselves on behalf of yourselves or a third- party beneficiary. This includes accompanying API's, EyeCloud® and EyeCloud® Management Security Services (further details of these systems can be provided upon request).
- 2** The **EyePay®Phone** can support two modes of operation, which can be provisioned by the operator and controlled within the EyeCloud® Manager. The EyePay® Phone is ideal for rapid deployment anywhere in the world requiring only a 2G signal for full online operation. The EyeCloud® can be set to offline mode allowing registration and verification operations in remote locations, followed by deduplication when connection is resumed. Full CE and FCC approvals mean the phone can be deployed with over 800 mobile telco operators (subject to local regulatory requirement) and in 200+ countries in the world.
- 3** The speed and accuracy of our own designed iris NIR4 camera and embedded liveness and spoof detection software means we are the only iris recognition company in the world to give a proven guarantee of 100% accurate 0% false acceptance rate. The **EyePay®Phone** also has full compliance to PAD (Presentation Attack Detection) ISO 30107-3 Level 1 testing, performed independently by iBeta labs in the USA. iBeta is the only NIST NVLAP approved biometrics test lab and the first FIDO alliance accredited test lab for biometric testing in the world. IrisGuard is one of only two companies globally to achieve this level of PAD performance for iris scanning.
- 4** The **EyePay®Phone** therefore provides full authentication and verification of a live person's iris within 3 seconds anywhere in the world with 100% accuracy from millions of records in real time. The process is contact-free for the beneficiary and no other biometric can match or deliver this field performance.
- 5** The **EyePay®Phone** is also fully capable of integration into the Blockchain. Utilising the iris template as your key for access Blockchain users and beneficiaries simply present their scanned iris without the requirement to store or remember the 32bit key.

Ensuring complete accountability

EyePay® Phone - IG EP100

Technical Specification

Dimensions (Net / mm)	152.5(L) x 77(H) x 9.5(T)
Operating System	Android 8.1.
Processor	1.3GHz Quad-core
Memory	2GB RAM / 16GB ROM
Camera (Front)	2MP IrisGuard Specified Monochrom sensor
Camera (Back)	2MP IrisGuard +8MP AF
Screen	LCD 5.5" HD/IPS
Expansion	Dual SIM slot / MicroSD slot
Battery	4000mAh Li-ion Polymer, up to -2day operation without charging (Solar charging kit an optional extra)
Bands	2G GSM 1900/1800/900/850 3G WCDMA 2100/900 4G FDD-LTE BAND 5/3 TDD - Band 40
Connectivity	GPRS, EDGE, WiFi, Bluetooth, GPS
Accessories	Optional Bluetooth mini thermal printer
Approvals	CE FC UK GSMA Associate Member and approved phone manufacturer for IMEI issuance and management





Data Protection and Security

IrisGuard's **EyePay® Phone**, as well as all EyeCloud® products in its fixable, portable and embedded range, are protected by the highest standards and certified to ISO9001:2015 (UK).

For both recognition and enrolment functionality no iris template, image, personal inputted data or face picture are stored on the device. All data is processed back through the EyeCloud®. If the device is disabled from the system (under control of the EyeCloud® Manager) then no further functionality relating to iris recognition will be permitted from the client application.

The EyeCloud® packets are protected with an end-to-end encryption scheme, which uses the latest symmetric and asymmetric encryption algorithms to secure packets going to and from the EyeCloud® Host. Other security features that the API uses include but not limited to: signatures, OTPs, T-OTPs and expiring templates.



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Certificate No. 7348



IrisGuard is ISO 9001:2015 and ISO 27001:2013 certified