



LILY - INTEGRATED DEVICE

For all your EKYC needs



Quick Customer Onboarding



EKYC authentication on the go

Lily - Self-powered, and with seamless connection capabilities with PCs, laptops, and mobiles, LILY is the perfect authentication device. LILY has a Bluetooth fingerprint scanner, with optional magnetic and smart card reader. Using this agents can acquire customers, transfer funds, disburse loans and many more.



BLUETOOTH 2.1



FINGER PRINT
SCANNER



THREE TRACK
MAGNETIC CARD READER



SINGLE SMART
CARD READER

Self-powered authentication





LILY a Superior Integrated device and completely reliable as compared to USB Connectors

- 1 A compact pocket size device weighing just 150gms.
- 2 Bluetooth connection offers seamless mobility and convenience
- 3 Designed to operate with any platform iOS, Android, Windows and J2ME over Bluetooth. Hence one investment suffice for all platforms.
- 4 Self-powered, with its own Li-on rechargeable battery, highly power efficient, and works for 10-12 hours continuous operation, does not drain mobile/tablet battery.
- 5 Apart from our own adapter for charging, it has USB charging and can also be charged using any standard 5V charger provided with Mobile phones/tablets etc.
- 6 Cost effective mobile authentication device comparing the value added features it offers.



Technical Specifications

Microcontroller Microcontroller	32-bit ARM Cortex M4 controller
Communication Interface USB Port Bluetooth	Virtual Serial COM Port V2.1+EDR security protocol enabled Serial profile Bluetooth Module
(Optional) Magnetic Swipe Reader	Three track reader 1, 2 & 3 Bi-directional reading capability of card with swipe error detection ISO/IEC 7813 standard Compliant Card swipe speed is from 5 to 150 cm/s. AES and 3DES encryption support
(Optional) Contact Smart Card Reader	Single Slot ISO7816 Smart Card Reader EMV compliant interface Supports 1.8V, 3V, 5v, T=0, T=1 protocol, Asynchronous, Synchronous cards, Scosta and JAVA cards.
Biometric Scanners Biometric Scanners	STQC Certified Optical or Capacitive technology sensor which supports ISO SC37 19794-2/4 or ANSI/INCITS 378 template formats, 500 dpi resolution.
Power Specifications Charging Power Adapter Battery Battery Charging Period	DC adapter 5V ar 1A or USB Charging facility 3.7 at 110mAH, Rechargeable Li-ion (Li-ion/Lipo Battery pack) with in-bult protection circuits for over voltage, overcharge, under voltage, short-circuit, etc DC Adapter: 2.2 Hours, USD Charging: 5.5 Hours.
Switches & Indicators Power On/Off Key LED Buzzer	Key is used for turning the Lily ON and OFF Battery charging indication, Bluetooth status indication Buzzer interface for warning and alarm signals.
Physical Properties Dimensions Weight	150mm x 70mm x 25mm (LxWxT) 150gms
SDK Support Desktop Devices Mobile Devices Protocol	Linux & Windows - JAVA, .NET, VB, C# Windows, Symbian, J2ME, Android & iOS ESYS FUEZY Protocol
Certifications	RoHS
Environment Humidity Operating Temperature Enclosure	95% RH non condensing 0°C to 50°C Ergonomic ABS + PC plastic body, Handy



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