iBonus
MEMBERSHIP SYSTEM

AVI INFOSYS L.L.C
DEFINE ▸ DESIGN ▸ DEPLOY

World Class
Next Gen-X
Contactless Cashless
& **Loyalty Rewards**
Solutions

PRODUCT DATASHEET

EXPERIENCE
15 YEARS
EXPERIENCE

iBonus® SMART CARD SYSTEM

NFC *ANDRIOD TERMINAL*

THE SMART DEVICE USED FOR DIGITAL LOYALTY/PREPAID CARD TRANSACTIONS

Authorised Global Master Distributor

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Contactless	Color Display
Touch Screen	Offline Storage Buffer
Smartcard	64 Bits Encryption / NFC

www.iBonus.net

▶ We at AVI Infosys have developed a customized tablet with iBonus applications installed. This can be used anywhere from processing the transaction to checking the transactional reports anytime and anywhere you want. A typical Point of Sale is fixed and is stationary, while an android tablet (iBonus Android Terminal) which also doubles as a POS, is mobile and gives you an advanced level of comfort since it is portable and can be carried anywhere. Results in reduced costs and eliminates the need of maintaining huge backend server using the smart card technology. The terminal reads the smart card and the last point balance is stored in the card itself whether the terminal is connected to the internet or not. The terminal has the capacity to store 5000 records in offline mode and the data gets pushed to the server (cloud) since everything is cloud based and does not require to implement expensive IT infrastructure.

▶ The NFC Android Terminal works as a loyalty terminal once it has the application license installed within. It's introduction in the market not only eliminates the bulky static terminals but also insinuates a smart, intelligent and user friendly technology as per the current trends. When implementing iBonus loyalty, all that is needed is an android tablet or a smart phone that supports NFC and then all of the customer's data and other details like rewards, point and balances is made easily accessible.

▶ The terminal can be used for a standalone loyalty program or can also be integrated/synced with the existing POS system.

iBonus® SMART CARD SYSTEM NFC ANDRIOD TERMINAL

THE SMART DEVICE USED FOR DIGITAL LOYALTY/PREPAID CARD TRANSACTIONS

TECHNICAL SPECIFICATIONS

Processor	High speed quad core CPU
Operating System	Android 5.X base secure payment system
Storage	RAM 1GB, Flash 8GB Micros SD: Support up to 32GB
Display	5.5 inch IPS screen. Resolution: 1280x720 pixels
Touch Panel	Capacitive touch screen, support electronic signature
Magnetic Stripe Reader	Support track 1/2/3. Bi-directional swiping, IS07811 compliance
IC Card Reader	IS07816 compliance, PBOC3.0 and EMV level 1&2 certified
NFC Card Reader	Support ISO/IEC 14443 Type A&B.
SAM Card	2 slots
SIM Card	1 slot (Standard SIM)
Thermal Printer	Paper width: 58mm, Paper diameter: 40mm
PIN Pad	Virtual PIN pad Support ANSI X9.8/ IS09564, ANSI X9.9/IS08731
Barcode Scanner	Support Master Key/Session Key, Fixed, DUKPT etc PIN protection technologies. Support DES, 3DES, RSA, SHA-256 and AES cryptographic algorithms. Support 1D and 2D barcode scanning
Camera	500 megapixels, with flash light and auto focus.
GPS	Support GPS, A-GPS, GLONASS, BeiDou
Hardware Encryption	Hardware Encryption supporting SM2, SM3, SM4 cryptographic algorithm
Wireless Communication	Support 4G, 3G and 2G communication, WIFI communication Bluetooth Smart 4.1
Wired Communication	USB OTG and USB 2.0 HS standard
Language	Support Chinese and English Printer support GB18030 and BIG 5 encoding
Multimedia	Support voice recording. Video play back at 1080p 720p video recording
Power Supply	5V DC/1A
Battery	Removable Lithium Battery 7.2V/ 2600 mAh
Dimension	183x84x64mm
Accessories	Stylus, Docking for Charging/ Docking for Ethernet and Charging can be ordered separately.
Operating Environment	Operation: -10 50 Storage: -20 70 Relative humidity: 10% 90% non condensation
Certifications	CCC China Union Pay Certification Use of Mobile Network Certification (China) PBOC 3.0 Level 1&2 PayPass Pay Wave PCI PTS 4.x

HIGH SPEED 58MM THERMAL INBUILD RECEIPT PRINTER

High speed instant receipt printing, having undergone test of **50KM** continues printing and **10000 times** opening and closing of the printer cover, **iBonus** terminal provides.

SECURED ANDROID OPERATING SYSTEM

With new proprietary **Android OS**, only those APP digitally signed by **iBonus** can be executed in the terminal. Security and user experience is maximised.
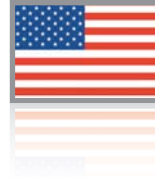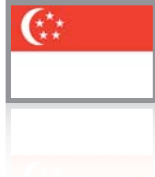
4G LTE AND WIFI SUPPORT

Fully supports **4G,3G ,2G** mobile data communication and **WIFI** Protocol, Transactions can be done anytime anywhere.

An **ISO 9001:2008** *certified company*

FQC FIRST QUALITY CERTIFICATION ISO 9001:2008

Deutscher Akkreditierungs Rat DAR

CONTACT US

iBonus

SMARTCARD SYSTEM

AUTHORISED GLOBAL MASTER
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