1D Barcode (examples of just some of the readable formats)































(91)901234-0123456789012345678910141231-1-012345-1

2D Barcode (examples of just some of the readable formats)















RFID

RFID AsReader can read UHF Band RFID tags.



email:sales@asreader.com

https://www.asreader.com



tel.+81-50-5536-1185 fax.+81-6-6886-1114 Shin-osaka Dainichi Bldg.201,5-6-16, Nishinakajima,Yodogawa-ku Osaka-city,Osaka,Japan 532-0011

AsReader Inc.

tel.+1-949-438-7577 14451 Chambers Rd., Suite 250 Tustin, CA 92780 U.S.A.

AsReader

Turns into a handy barcode/RFID terminal just by attaching it to your iPhone/iPod touch!



1D Barcode



2D Barcode



RFID











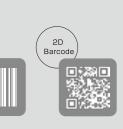




These new models of AsReader are all "modular." Because of this new "modular" design, you can now use the same dock with multiple sizes of devices by simply changing the case around the dock.

The newest AsReader docks/cases allow your iPhone 6 or iPod touch to become a professional Barcode Scanner or RFID Reader/Writer. Because the new design is modular, allowing the dock and case to separate, as new models of iPhone/iPod/iPad with comparable Lightning connectors are released, the core of the AsReader device could continue to be used in the next device by simply changing the inexpensive outer-case.

















The ASR-010D model supports major 1D barcode formats such as UPC/EAN, CODE128, ITF, CODABAR, GS1 DATABAR, and many more. The ASR-020D model supports major 2D barcodes such as QR Codes, RSS14 Stacked, PDF417, Datamatrix, PostNet, etc, as well as all of the 1D barcode formats of the ASR-010D model.



Compared to the majority of business terminals, the AsReader and Pod touch combo are ss than half the price



Compact & Stylish

The size is the same as an iPhone case. The weight of the barcode version is only80 grams



iPhone/ iPod touch Function correspondence.

In addition to the terminal application full access of the iPhone/iPod touch functions are retained



Dust proof & water proof IEC Regulation IP52 Standard

Drop resistance performance

Even when dropped from a height

of 1.5m (5feet) all 6 surfaces

nternational Water and dust-proof Standards.

are drop resistant.



Lightning

Apple genuine Lighting connector.



Magconn

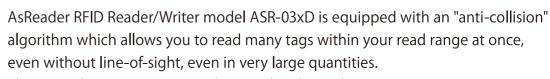
Convenient and fast magnetic connector for charging.





Applications App Store

Just hook-up the AsReader and you can immediately



This is much more convenient than reading barcodes,

which requires line-of-sight and aiming a device at each barcode one-by-one.



Compared to the majority of business terminals, the AsReader and iPod touch combo are ess than half the price





iPhone/ iPod touch

In addition to the terminal applications full access of the iPhone/iPod touch functions are retained

Reading/writing is possible from

Data quantities significantly larger than parcodes or 2D codes can be handled

about 1 meter away.



READ&WRITE

are drop resistanto

Dust proof & water proof

Certified to meet the IEC

International Water and

dust-proof Standards.

IEC Regulation IP52 Standard

Drop resistance performance

Even when dropped from a height

of 1.5m (5feet) all 6 surfaces

Read tags as well as write data on to tags.



Lightning

Apple genuine Lighting connector.



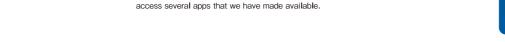
Magconn

Convenient and fast magnetic connector for charging.



Applications App Store

Just hook-up the AsReader and you can immediately access several apps that we have made available.



^{*} Photographed here: Barcode Reader Dock with Case for iPhone 6/6s

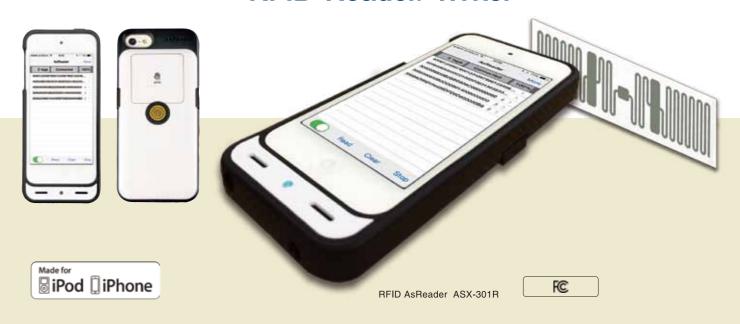


RED AsReader

iPhone/iPod touch turns into a barcode scanner!

510R: White/Black **BiPod □iPhone** F© C € IS

iPhone/iPod touch jacket case style UHF band **RFID Reader/Writer**



*Tag Antenna design is an image.



1D Barcode



2D Barcode

iPhone/iPod touch as is turns into a barcode reader! The AsReader combined with the iPhone/iPod touch converts into a powerful handheld terminal with full access to all the smart device functions.



Low cost

Compared to the majority of business terminals, the AsReader and iPod touch combo are



Dust proof & water proof IEC Regulation IP52 Standard

Drop resistance performance

Even when dropped from a height

of 1.5m (5feet) all 6 surfaces

Certified to meet the IEC International Water and dust-proof Standards.

are drop resistant。



Lightning

Apple genuine Lighting connector.



Compact & Stylish

The size is the same as an iPhone case. The weight of the barcode version

full access of the iPhone/iPod touch



functions are retained.



Pinpoint Scanning(ASX-520R)

Able to aim and scan a target barcode, even when there are many other 1D/2D barcodes near by.



Magconn

Convenient and fast magnetic connector for charging.



Applications App Store

Just hook-up the AsReader and you can immediately access several apps that we have made available.



The combined power of the AsReader and the iPhone/iPod touch become a UHF band RFID Reader/Writer with the capability of reading/writing high level RFID tags. The anti-collision feature enables the device to be used for safe and convenient mixed tag reading.



Low cost

Compared to the majority of business terminals, the AsReader and iPod touch combo are less than half the price.



Dust proof & water proof IEC Regulation IP52 Standard

Certified to meet the IEC International Water and dust-proof Standards



Lightning

Annle genuine Lighting connector.



Compact & Stylish

The size is the same as an iPhone case. The weight of the RFID version is only 95 grams



Drop resistance performance

Even when dropped from a height of 1.5m (5feet) all 6 surfaces are drop resistant.



Magconn

Convenient and fast magnetic connector for charging.



iPhone/ iPod touch Function correspondence.

In addition to the terminal applications, full access of the iPhone/iPod touch functions are retained.



READ&WRITE Read tags as well as write data on to tags.



Applications App Store

Just hook-up the AsReader and you can immediately access several apps that we have made available.



920MHz UHF Band

Reading/writing is possible from about 1 meter away. Data quantities significantly larger than barcodes or 2D codes can be handled







Δ | Δ | Inventory Counting Application

Barcode **RFID**

The use of the magnetic connector enables efficient charging.

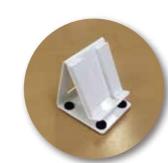
By simply connecting setting the device on a stand, pad, or cable-pad, charging can be performed as quickly as with an OEM micro USB or Apple cable.

What is Magconn?

Magconn is an advanced charging technology which is like a combination of wired and wireless. Magconn is entirely different from other charging technologies. Magconn enables highly efficient charging via the magnetic connector and the charging time is the same as from an OEM micro USB or Apple cable.

Just some examples of the many charging options:





Accessory:Stand



The 4 rings shown in this photo enable the charging process by connecting with a magnetic charger.

The effect is the same as plugging in a cable, but it's much simpler and not fragile like mini-USB ports etc.

The connector and the device are magnetically attached, so the charging process is worry free.

This is an app for simple inventory management. Just input the shipping and receiving data into this app, all data

will be synced to your private space in our backend system on the cloud. This allows your entire inventory to be managed very

This app is Light and Simple! All input can be done by simply scanning the barcodes on your items.

This app fully supports the functions of AsReader devices. both the barcode and RFID versions.

If you are already using UHF RFID, this app with an AsReader device is a great combination that you really must see for yourself.

In our system, you can manage more than one warehouse, or even separate storage areas. Expanding this system is very

All data is not only synced to the cloud, it is also saved locally, so that you can view the history of your data not only on the cloud, but also in apps locally on your iOS device.









ASCOUNT Inventory management Application

Barcode RFID

This is an app for Physical Counting.

Simply scan the barcodes of your items and all the data will be synced to your private space in our backend system on the cloud. You can download the data in csv format or manage your stock within the AsZai system.

This app is light and simple!

All input process can be done by scanning the barcodes on your items.

This app fully supports the functions of AsReader devices. both the barcode and RFID versions.

If you are already using UHF RFID in you warehouse, this app with an AsReader device is a great combination that you really must see for yourself.

In our system, you can manage more than one warehouse, or even separate storage areas. Expanding this scalable system is very

All data is not only synced to the cloud, it is also saved locally, so that you can view the history of your data not only on the cloud, but also in apps locally on your iOS device.









AsTime

query, and manage it any time.

register through this app.

Time-card System **Application**



AsReport is a powerful app which helps you to build form apps in no time at all.

Zero (0) programing knowledge is required! Most input forms will be completed with just a few mouse clicks via your web browser on our backend system. Fields defined will be shown on the iOS terminal and input data will be saved both locally to your device and to the cloud in your private account.

AsReport allows you to define many kinds of form controls, including images, videos, audio, etc — it's not just limited to text

Imagine that you don't have to hand out any paper form any more, just create an form on the web and your customers can input their information with AsReport.

As soon as a form is submitted, you can review the data immediately on the cloud.

Imagine all your sales reports, clients' statuses, and even customer feedback — all reported to you through the staff's iPhone/iPod/iPads and you can review this data immediately. Imagine how your workers could even take a picture or video of some incident and report it to you at the moment it occurs, all in real-time.

Your own Apps can be created just with your imagination. This is what AsReport can do for you.

AsReport will help you to save time and cost while improving productivity and accuracy.



Barcode



SINGLE SELECT BUTTONS



ASOrder Order system Application

Barcode RFID

AsOrder is an app for simple ordering or purchasing operations for chain-stores.

If you are the owner of chainstores, just enable every store to have an iPhone/iPod/iPad with "AsOrder" installed, and stores can place orders very easily with the iOS device.

Simply scan the barcode in the store and all data will be synced to your private space in our backend system on the cloud, so that head office can view and manage the orders immediately.

This app is Light and Simple! All input can be done by simply scanning the barcodes on your items.

This app fully supports the functions of AsReader devices, both the barcode and RFID versions.

If you are already using UHF RFID, this app with an AsReader device is a great combination that you really must see for yourself.





data as you like.

All data is not only uploaded to the cloud, but also saved locally, so that you can view the history data not only on the cloud, but

One of the benefits of this is that you don't always require a

This app fully supports the functions of AsReader devices, both barcode and UHF RFID versions.

RFID can also help you to improve your sales processing







Δ Δ A Pos Application

AsTime is an app that works like a time-card system.

Time and GPS information can be record as easily as

All data is collected and synced to your private space in our

The backend system is set up automatically as soon as you

backend system in the cloud, so that you can summarize,

scanning a barcode with your iPhone/iPod/iPad.

Barcode RFID

This is a POS (Point of Sale) App for stores.

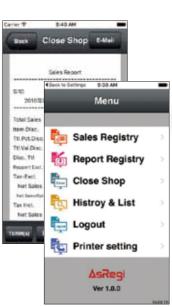
Just like a regular POS machine, you can scan the barcodes of your items, collect payments etc., right from your iPhone/iPod/iPad. All sales data will be synced to your private space in our backend system on the cloud, so that you can download and analyze your

AsRegi is very simple, flexible and scalable. You can manage as many shops and terminals as you like. It helps you to manage chain stores easily.

also on the app locally in your iOS device.

full-time Internet connection to work.

performance enormously.





Our Free APPs and our Royalty-Free SDK:

We offer many free demo Apps in the Apple App Store (just search for "asreader" and you'll find over a dozen.) These allow you to use AsReader devices right "out of the box." Two of these Apps act as convenient free middleware:



AsKey

This app is a custom software keyboard to input the data AsReader scan.

The app can work on any apps!



This application takes the data captured on AsReader and inputs it into the web browser.



from our Developer.







Cordova

Our SDK is royalty-free The application for AsReader can be developed on Xcode, and open-source, available for download Cordova or Xamarin.

Logistics



- Use as a handy terminal to integrate with WMS
- You can freely create apps that emulate handheld terminal functions.
- Achieve a wide range of cost savings

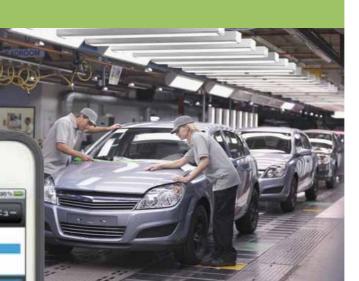
You can introduce the AsReader as a replacement for older terminals and implement mobile applications for Warehouse Management Systems.

in the cost of handheld terminals.

You can freely create apps that emulate handheld terminal functions and enable the use of the touch screens on smart-phones to enhance productivity and operating efficiency.

In this way, you can achieve significant reductions

Factories



売上

数量:1

単価:0

•The RFID AsReader is contributing to the enhancement of operations control and lead-time reduction in an automotive company's procedures for protective film application and optional components installation.

The AsReader is used in the distribution lots of car factories as part of the essential

new vehicle pre-delivery preparations.

RFID tags with the vehicle ID numbers of the new cars are attached to the car dashboards,

and the RFID tag and RFID AsReader are used in combination to provide the instructions and process control for protective film application and optional components installation.

The AsReader can be easily used with smart device enabled business applications to function as a handheld terminal that monitors and captures the status of specific cars on a

car-by-car basis during car delivery service operations.

Retail



- You can immediately begin using apps developed for the AsReader for use in POS, inventory management and stock control.
- In addition to reducing the time involved in the handwritten data entry process of paper based systems, data entry errors, data leaks and erroneous orders are also significantly reduced,
- You can focus your efforts on generating sales that will produce great business results while avoiding missed opportunities. You can simplify the POS and sale management functions.

The AsReader is not only an inventory management device and an order management and incoming component management system, but it can also be used with printers to augment POS operations. In addition to enhancing business operations by combining multiple functions in one device, you can also achieve rapid cost savings. You can easily use the functions of the iPhone/iPod in conjunction with the network, and with the use of our SalaseePOS and other web applications you can also use tablets and other stylish devices to develop full-fledged POS register systems.





Confirmation of verbal and visual
3-point verification and automatic recognition
App for easy implementation of scalable before
and after medical record introduction.
Enables major cost savings in
comparison to specialized
handheld terminals.

Not only is the 3-point matching of formulations (drug injections,infusions, etc.) made more secure for patients, doctors and nurses,it is also possible to develop applications that can be used with the system for real-time processing of electronic medical recordsand ordering procedures.

Major enhancements in efficiency can be achieved by replacing older ordering terminals (notebook PC's) with the handheld AsReader.

Since the AsReader has excellent resistance to dust and water (IP52 standard compliance), along with a drop resistance of 1.5m to concrete surfaces, no special caution is required even in harsh workplace environments.

10)

AsReader Products List











ASX-510R-B

Category		AsReader Dock Barcode 1D	AsReader Barcode 1D	AsReader Dock Barcode 2D	AsReader Barcode 2D	
Model Name		ASR-010D	ASX-510R-W ASX-510R-B	ASR-020D	ASX-520R	
Barcode	Scanning method	CCD linear image sensor 1,500Pixel (1D)		2D CMOS		
	Minimum Resolution	0.127mm		0.102mm~0.508mm (4mi l ~20mi l)		
	Reading distance	70~210mm (%1)		50~760mm(1.97"~29.92") (%1)		
	Reading angle	Pitch:±65° Tilt: ±25° Skew motion:±50° (※1)		Pitch:±60° Roll: 360° Skew motion:±60°		
	Readable code	JAN/UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF(INTERLEAVED 20f5), DISCRETE 20f5, CHINESE 20f5,MATRIX 20f5, CODABAR(NW-7), MSI, GS1 DATABAR OMNIDIRECTIONAL, GS1DATABAR LIMITED, GS1DATABAR EXPENDED		1D: JAN/UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF(INTERLEAVED 20f5), DISCRETE 20f5, CHINESE 20f5, MATRIX 20f5, CODABAR(NW-7), MSI, GS1 DATABAR OMNIDIRECTIONAL, GS1DATABAR LIMITED, GS1DATABAR EXPENDED 2D: PDF417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, RSS, Composite, TLC-39, MaxiCode Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)		
	light sources	RED LED				
	Battery Capacity			nium-ion battery 700mAh		
	Continuous operation time	30,000 times (※2)	40,000 times (※2)	20,000 times (※2)	36,000 times (※2)	
Battery	Power Source	Magconn cable (※3)	Magconn cable、 DC Power cable (※3)	Magconn cable (※3)	Magconn cable、 DC Power cable (※3)	
	Charging time	About 2 hours (Built-in battery) (%4)				
Key input		2 trigger key				
Communication	Interface	MFi on Lightning (※5)				
	Dimensions (H)x(W)x(D)mm	63.7×9.7×117.2	64.4×17×141.9	63.7×9.7×117.2	65 x 18 x 141.9	
	Weight(with Battery)	About 65g	About 80g	About 70g	About 90g	
Appearance	Material	PC	PC/TPU	PC	PC/TPU	
	Case color	White	White、Black	White	White	
	LED	Non-blinking Blue LED: Connected with device (※6). Blinking Blue LED: Reading Barcode. Non-blinking Red LED: Battery is charging. Faint Red LED: Battery is fully charged				
Environment	Operation environment	-10∼45 °C, 20∼85 % RH (Charge 0 °C or more, however)				
	Storage environment	-20~60℃、10~95 % RH				
	IP Rating	IP52 compliance				
	Anti-drop	(Six-sided * 4 edge, once each) 1.5m (%7)				
Certificates		Apple MFi(plan) / FCC(plan) / CE(plan)	AppleMFi/ FCC/CE/KC	Apple MFi(plan)/FCC(plan)/CE(plan)	AppleMFi/ FCC/CE	
Requirments	Devices	See Case	iPhone5/5S/iPod touch	See Case	iPhone5/5S/iPod touch	
	OS	iOS8.1.1∼(except iOS9.2.x)	iOS7.1.1∼(except iOS9.2.x)	iOS8.1.1∼ (except iOS9.2.x)	iOS7.1.1∼(except iOS9.2.x)	
Bundled items		Magconn cable, Earphone extension cable, Manual	Magconn cable, DC Power cable, Earphone extension cable, iPod touch sheet(※8) Manual	Magconn cable, Earphone extension cable, Manual	Magconn cable, DC Power cable, Earphone extension cable, iPod touch sheet (※8), Manual	

*1 May depend on barcode type. *2 Continuous operation time was tested with iPhone's default brightness setting. *3 Standard iPhone 1A charger is strongly recommended to be used when using Magconn cable. *4 iPhone and AsReader batteries will charge simultaneously. iPhone and AsReader batteries will be recharged in 3.5 hrs and 2 hrs respectively in simultaneous recharging mode. *5 SDK is required and available for free download. Please contact us. *6 Blue LED will turn on after iPhone/iPod is connected. LED will turn off after the reading the first tag. *7 iPhone screen could be broken, depending on the drop angle. *8 A provided "iPod touch sheet" is required to mount iPod touch securely for ASX-510R/520R. Please confirm the latest information on our website.

Category	,	AsReader Accessory (Magconn)		
Model Name		ASA-005S-W	ASA-011B	
Specs	Output Power	C5V 2.1A	5V 1A	
	Dimensions (H)x(W)x(D)mm	105×51×72.82	55×13×80	
	Weight	About 230g	About 80g	
	Color	White	White/Orange	





ASA-011B







ASX	(-3)	ЭxF

Category		AsReader Dock RFID	AsReader RFID		
Model Name		ASR-03xD	ASX-30xR		
	Spec	ISO 18000-6 Type C/EPCglobal Class1 Gen2			
	Bandwidth	865-868/902-928 MHz (※1)	917.10MHz ~ 926.90MHz (% 1)		
RFID	Output power	316mW(25dBm)	200mW (23dBm)		
KFID	Reading distance	About 1m(**2)	0~1m(% 2)		
	Polarization characteristics	Circularly Polarized Antenna			
	Function	Read / Write / Lock / Kill			
	Battery Capacity	Built-in rechargeable lithium-ion battery 700mAh			
Dattoni	Continuous operation time	7 hours or more. Approximately 40,000 scans. (%3)	7 hours or more. Approximately 50,000 scans. (※3)		
Battery	Power Source	Magconn cable (※4)	Magconn cable (※4) DC cable		
	Charging time	About 2 hours (Built-in battery) (※5)			
Key input		2 trigger key			
Communication	Interface	MFi on Lightning (%6)			
	Dimensions (H)x(W)x(D)mm	63.7×9.7×117.2	64.4×17.8×141.1		
	Weight(with Battery)	About 75g	About 95g		
Appearance	Material	PC	PC/TPU		
	Casing color	White			
	LED	Non-blinking Blue LED: Connected with device (※7). Blinking Blue LED: Reading RF Non-blinking Red LED: Battery is charging. Faint Red LED: Battery is fully charge			
	Operation environment	-10∼45 °C、20∼85 % RH (Charge 0 °C or more, however)			
-	Storage environment	-20∼60 °C、10∼95 % RH			
Environment	IP Rating	IP52 compliance			
	Anti-drop	(Six-sided * 4 edge, o	once each) 1.5m (※8)		
Certificates		TELEC / Apple MFi (plan) / FCC(plan) / CE(plan)	TELEC / Apple MFi / FCC		
D	Devices	See Case	iPhone5/5S/iPod touch (※9)		
Requirments	OS	iOS8.1.1∼ (except iOS9.2.x)	iOS7.1.1∼ (except iOS9.2.x)		
Bundled items		Magconn cable, Earphone extension cable,Manual	Magconn cable, AC adapter, Earphone extension cable, iPod touch sheet, Manual		

*1 The radio frequency bandwidth can be modified between these levels using software. *2 It may depend on the type of IC tags and operating circumstances.

*3 iPhone's battery will last about 4.5hrs/25,000 times continuous reading on iPhone's default brightness setting. At which point AsReader's battery will still have about 50% charge.

*4 Standard iPhone 1A charger is strongly recommended to be used when using Magconn cable.

*5 iPhone and AsReader batteries will charge simultaneously. iPhone and AsReader batteries will be recharged in 3.5 hrs and 2 hrs respectively in simultaneous recharging mode.

*6 SDK is available for free download. *7 Blue LED will turn on after iPhone/iPod is connected. LED will turn off after the reading the first tag.

*8 iPhone screen could be broken, depending on the drop angle. *9 A provided "iPod touch sheet" is required to mount iPod touch securely for ASX-30xR.

Please confirm the latest information on our website.

ASC-T5-P











Category		AsReader case			
Model Name		ASC-P6-W ASC-P6-B	ASC-T5-W ASC-T5-B ASC-T5-P	ASC-PM3H-W ASC-PM3H-B	ASC-P5H-W ASC-P5H-B
	iOS device	iPhone 6, 6s	iPod touch 5/6gen.	iPad mini 2/3	iPod touch 5/6gen., iPhone 5/5s/SE
Appearance	Material	Silicon	Silicon	Silicon+ PC	Silicon+ PC
	color	White, Black	White、Black、Pink	White, Black	White, Black

^{*} Please ask us about a case for another iOS device

12

AsReader Inc. Profile http://www.asreader.com

Corporate Identity

Through information technology, we create happiness for our customer, employee, and society as well as contribute to our community's development and progression.

- * With our own conscience, we create confidence and peace of mind as well as happiness for everyone.
- * We pursue rapid, speedy mobilization to create our happiness for everyone.
- * With our original services and innovative information technology, we create happiness for everyone.

AsReader Manifest

- 1. Have a professional passion
- 2. Thoroughly seen completion
- 3. Wrestle in the center of the ring
- 4. Time managing priority
- 5. Clarifying purpose, intention, and concept
- 6. Continue the plans that we dream of for our existing customers.
- 7. Acting with right judgment
- 8. Work hard in a positive way to create and enjoyable environment.

Business contents



Planning, developing, and selling AsReader, a phone case code reader for iPhone/iPod Touch



Others: customized development and manufacturing of commercial equipment

Developing and selling mobile application mainly for iOS Commission and development mainly for iOS application



Operation consulting using mobile terminals System Integrator

Company Profile

Asterisk, Inc.

Osaka Office

Shin-Osaka Dainichi Bldg. 201, 5-6-16 Nishinakajima, Yodogawa-ku, Osaka-city, Osaka, 532-0011, Japan TEL: +81-50-5536-1185

Tokyo Office

Daishin Bldg. 5F, 3-86 Shinbashi, Minato-ku Tokyo, 105-0004, Japan TEL: +81-50-5830-5393

AsReader Inc.

Establish: January, 2nd 2015 Company address: 14451 Chambers Rd., Suite 250 ,Tustin, CA 92780 U.S.A. TEL: +1-949-438-7577

Dalian Mingrixing Technology Co.,Ltd.

#107B,1 Hui Xian Yuan, Dalian Hi-tech Industrial Zone, Dalian, 116025, P.R.China

TEL: +86-133-9050-1898