

**NEW****AsReader®****Asterisk®**

## For iPhone® 6 and iPhone® 6 Plus

New AsReader connects directly with iPhone® or iPod touch®. When connected with the iPhone®/iPod touch®, the AsReader provides a world-class thin and compact barcode scanner or RFID reader/writer.

**Barcode****RFID**

### Wide Range of Applications

Since new AsReader connects with the iPhone6®, 6 plus® and iPod touch® via the Apple® Lightning connector, end-users can design their own BYOD solutions. Further, since case and dongle are separated, AsReader will support various iOS devices with Lightning connector.

### Scalability

The AsReader can be used while retaining full access to the iOS and iPhone® functions. For example, even in a remote location where Wi-Fi network access is not available, 3G or LTE networks can be used to upload data to a database. Further, by downloading applications released by us and 3rd party companies from App Store, and utilizing our free SDK, you can develop native applications which will enable you to utilize the AsReader as a handy terminal that augments your company's systems.

### Simple and Convenient

The AsReader uses the genuine Apple® certified Lightning connector to connect to the iPhone® and iPod touch®, thus communications are highly reliable, and connectivity is very simple. Once the AsReader app is pre-installed, there are no concerns about pairing with the iPhone®, and usage and installation are enabled with one touch.

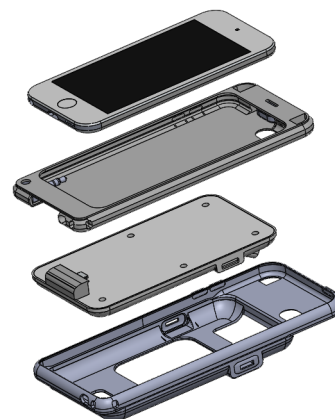
For example, by installing AsKey on App Store, users can use AsReader, as a plug and play device, with various apps, such as Memo, Safari, Mail and so forth.

In addition, because the AsReader uses a charging system that can be attached with a magnet, connection and charging can be performed very simply. Due to the one-touch connection design, damage to the terminals is avoided, and charging can be performed as quick as the charging speed via the Lightning standard connection.

For iPod touch

iPod touch adjustment, ASW-T5, is also available.

The adjustment has the headset, so users can use voice talking on iPod touch. For example, in a hospital or a factory, users may be able to use AsReader as a handheld terminal as well as an intercom.



## AsReader Product Data Sheet

Bar code	Scanning method	2D CMOS
	Minimum Resolution	0.102mm~0.508mm (4mil~20mil)
	Reading distance	50~760mm (1.97"~29.92")
	Reading angle	Pitch:±60° Roll: 360° Skew motion:±60°
	Readable code	1D: JAN/UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF(INTERLEAVED 2of5), DISCRETE 2of5, CHINESE 2of5, MATRIX 2of5, 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	Battery Capacity	Built-in rechargeable lithium-ion battery 700mAh
	Continuous operation time	36,000 times (※1)
	Power Source	Magconn cable, DC Power cable (※2)
	Charging time	About 2 hours (Built-in battery) (※3)
Key input		2 trigger key
Communication	Interface	MFi on Lightning (※4)
Environment	Operation environment	-10~45 °C、20~85 % RH (Charge 0 °C or more, however)
	Storage environment	-20~60 °C、10~95 % RH
Requirments	Devices	iPhone6/iPhone6 plus/iPod touch 5G etc (※5)
	OS	iOS8.2~ (※6)

※1 Continuous operation time is tested with iPhone's default brightness setting. ※2 Standard iPhone 1A charger is strongly recommended to be used when using Magconn cable.

※3 iPhone and AsReader battery will be recharged simultaneously. iPhone and AsReader battery will be recharged in 3.5h and 2h respectively in simultaneous recharging mode.

※4 SDK is required and available for download, please contact us. ※5 The case for each device is required. ※6 Please confirm the latest information on our website.

## RFID AsReader Product Data Sheet

RFID	Spec	ISO 18000-63 (Formerly known as: ISO 18000-6 Type C) / EPC Class1 Gen2
	Bandwidth	917.10MHz ~ 926.90MHz (※1)
	Output power	~25dBm (316mW)
	Polarization characteristics	Circularly Polarized Antenna
	Function	Read / Write / Lock / Kill
Battery	Battery Capacity	Built-in rechargeable lithium-ion battery 700mAh
	Continuous operation time	7 hours or more (※2)
	Power Source	Magconn (※3)、DC Power cable
	Charging time	About 2 hours (Built-in battery) (※4)
Key input		2 trigger key
Communication	Interface	MFi on Lightning (※5)
Environment	Operation environment	-10~45 °C、20~85 % RH (Charge 0 °C or more, however)
	Storage environment	-20~60 °C、10~95 % RH
Certificate (Applying)		TELEC (RFID) / PSE (body) / Apple MFi / FCC / CE
Requirments	Devices	iPhone6/iPhone6 plus/iPod touch 5G etc (※6)
	OS	iOS8.2~ (※7)

※1 The radio frequency bandwidth can be changed by software among this band width.

※2 4.5h/25000 times continuous reading on iPhone's default brightness setting. AsReader battery will still remain about 50%.

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

※4 iPhone and AsReader battery will be recharged simultaneously. iPhone and AsReader battery will be recharged in 3.5h and 2h respectively in simultaneous recharging mode.

※5 SDK is available for download. ※6 The case for each device is required. ※7 Please confirm the latest information on our website.

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