

RFID AsReader®

RFID Reader/Writer for iPhone 5S/5 and iPod touch 5G



Model Name		ASX-30xR
RFID	Spec	ISO/IEC 18000-63 (Formerly known as: ISO 18000-6 Type C/EPC Class1 Gen2)
	Bandwidth	917.10MHz ~ 926.90MHz (※1)
	Output power	200mW (23dBm)
	Reading distance	0~1m (※2)
	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 (※3)
	Power Source	Magconn (※4)、AC adapter
	Charging time	About 2 hours (Built-in battery ※5)
Key input		2 trigger key
Communication	Interface	MFi on Lightning (※6)
Appearance	Dimensions (W)x(D)x(H)	17.8 x 64.4 x 141.1mm
	Weight(with Battery)	about 95g
	Material	PC/TPU
	Casing color	White/Black
	LED	Non-blinking Blue LED: Connected with device ※7/Blinking Blue LED: Reading RFID tag 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 °C、10~95 % RH
	IP Rating	IP52 compliance
	Anti-drop	(Six-sided * 4 edge, once each) 1.5m (※8)
Certificate		TELEC (RFID) / PSE (body, AC adapter) / Apple MFi / FCC / CE (planned) / NBTC (planned)
Requirments	Devices	iPhone5S / iPhone5 / iPod touch Gen5 (※9)
	OS	iOS7.1.1 ※10
Bundled items		Magconn cable/AC adapter/Earphone extension cable/iPod touch sheet Manual/Installation instructions

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

※2 It may depend on the type of IC tag and the operating circumstance

※3 4.5h/25000 times continuous reading on iPhone's default brightness setting. AsReader battery will still remain about 50%.

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

※5 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.

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

※8 iPhone screen may be broken depends on the drop angle. ※9 A special sheet is needed to mount iPod touch.

※10 Please confirm the latest information on our website.

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