RFID AsReader®

RFID AsReader（ASR-031D）
for iPhone SE/5S/5/6S/6/6SPlus/6Plus and iPod touch5G,6G
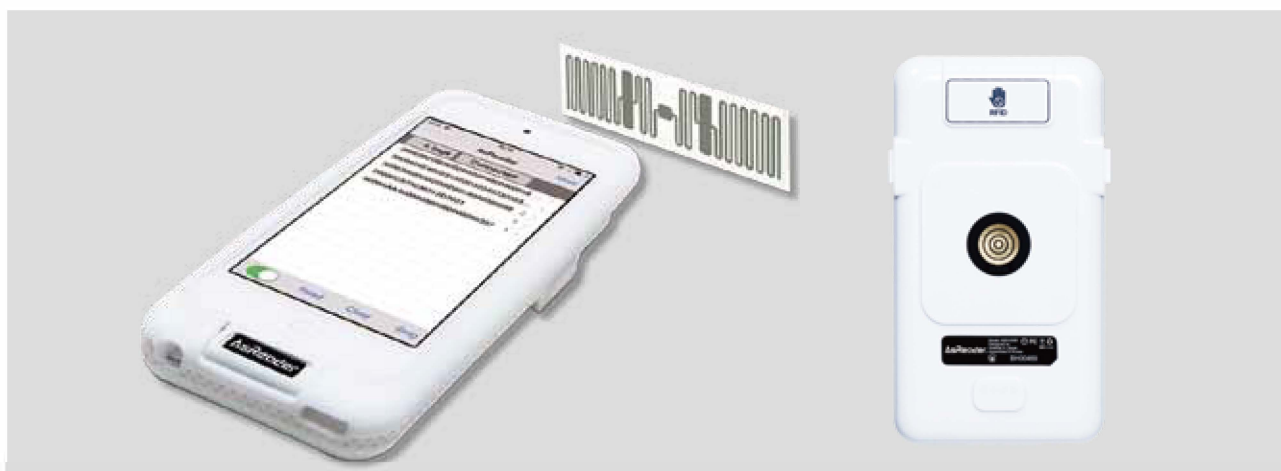
Model Name		ASR-031D
RFID	Spec	ISO 18000-6 Type C/EPC Class1 Gen2
	Bandwidth	865.70～867.50 MHz（※1）
	Output power	316mW（25dBm）
	Reading distance	0～1m（※2）
	Polarization characteristics	Circularly Polarized Antenna
	Function	Read / Write / Lock / Kill
Battery	Battery Capacity	Built-in rechargeable lithium-ion battery 700mAh
	Continuous operation time	7 hours or more (※3)
	Power Source	Magconn（※4）
	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)	63.65 x 9.7 x 117.19mm
	Weight(with Battery)	about 80g
	Material	PC
	Casing color	White
	LED	Non-blinking Blue LED: Connected with device / 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 ℃、20～85 % RH (Charge 0 ℃ 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)
Certificate		Apple MFi/CE/RoHS
Requirments	Devices	iPhone6/6Plus/6S/6SPlus/5/5S/SE/iPod touch5G/6G
	OS	iOS8.1.1～(except iOS9.2.x) ※8
Bundled items		Magconn cable/Earphone extension cable/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 iPhone screen may be broken depends on the drop angle.　※8 Please confirm the latest information on our website.
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