AsReader®

ASR-03xD (UHF RFID)

Model Name		ASR-03xD
RFID	Spec	ISO 18000-63 (Formerly known as: ISO 18000-6 Type C) / EPC Class1 Gen2
	Bandwidth	902〜928MHz or 865〜868MHz
	Output power	316mW（25dBm）
	Reading distance	0〜1m （0〜39.37 inch) (*1)
	Polarization characteristics	Circularly Polarized Antenna (internal)
	Function	Read / Write / Lock / Kill
Power source	Battery capacity	Built-in rechargeable lithium-ion battery (700mAh)
	Continuous operation time	7 hours or more (*2)
	Charging method	Magconn (*3)
	Charging time	About 2 hours (built-in battery) (*4)
Key input		2 trigger key
Communication	Interface	MFi on Lightning (*5)
Appearance	Dimensions (W)x(D)x(H)	63.65 * 9.7 * 117.19 mm (2.51 * 0.38 * 4.61 inch) (*6)
	Weight (with battery)	About 80g
	Material	PC
	Casing color	White
	LED display	Blue LED: Connected with device /Blinking Blue LED: Reading/Red LED: Battery is charging/Faint Red LED: Battery is fully charged
Environment	Operating temperature	-10〜45 ℃、20〜85 % RH（Charge 0 ℃ or more, however)
	Storage temperature	-20〜60 ℃、10〜95 % RH
	IP Rating	IP54 compliance
	Anti-drop	(Six-sided * 4 edge, once each) 1.5 m (59.06 inch) (*7)
Certificate		Apple MFi/FCC/CE/RoHS
Bundled items		Magconn cable / Earphone extension cable / User manual

*1 Differs per IC tag type and operating circumstances.
*2 4.5h/25,000 scans continuous reading on iPhone®'s default brightness setting. AsReader® battery will still remain about 50%.(Output power 24dBm)
*3 Standard iPhone® 1A charger is strongly recommendd 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 A specialised SDK for communication via Lightning is available for download.
*6 Excluding protrusions   *7 Depending on the drop angle, the iPhone® screen may break.
・ For the latest information, please visit our website. ・iPhone®, iPod touch® and Lightning® are trademarks of Apple Inc., registered in the U.S. and other countries.
・AsReader® is a registered trademark of Asterisk Inc. ・All other trademarks are property of their respective owners.