AsReader®

ASR-03xD (UHF RFID)

Model Name		ASR-030D	ASR-030D-V2,V3,V4	ASR-031D	ASR-031D-V4
RFID	Spec	ISO 18000-63 (Formerly known as: ISO 18000-6 Type C)/EPC Class1 Gen2			
	Bandwidth	902 - 928MHz		865.6 - 867.6MHz	
	Output power	316mW(25dBm)	500mW(27dBm)	316mW(25dBm)	500mW(27dBm)
	Reading distance	~118inch(~3m) (*1)		~79inch(~2m) (*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	5 hours or more (*2)			
	Charging method	Magnetic charging cable (*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)	2.51 × 0.38 × 4.61inch(63.7 × 9.7 × 117.2mm) (*6)			
	Weight (with battery)	About 80g			
	Material	PC			
	Casing color	White			
	LED display	Non-blinking Blue LED: Connected with device Blinking Blue LED: Reading RFID tags. Non-blinking 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) 59.06 inch(1.5m) (*7)			
Certificate		Apple Mfi/FCC/RoHS		Apple Mfi/CE/RoHS	
Bundled items		Magnetic charging cable / manual			

*1 Differs per IC tag type and operating circumstances.
*2 The continuous reading time length by using our special app with Output power 24dBm, On time 100ms, Off time 400ms.
*3 Standard iPhone 2A charger is strongly recommendd to be used when using Magnetic charging 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 available for free download.
*6 Excluding protrusions
*7 Depending on the drop angle, the iPhone® screen may break.
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