

AsReader Products List



ASR-010D
ASR-020D



ASX-510R-W
ASX-520R-W



ASX-510R-B



ASR-03xD



ASX-30xR

Category	AsReader Dock Barcode 1D	AsReader Barcode 1D	AsReader Dock Barcode 2D	AsReader Barcode 2D	
Model Name	ASR-010D	ASX-510R-W ASX-510R-B	ASR-020D	ASX-520R	
Barcode	Scanning method	CCD linear image sensor 1,500Pixel (1D)		2D CMOS	
	Minimum Resolution	0.127mm		0.102mm~0.508mm (4mil~20mil)	
	Reading distance	70~210mm (※1)		50~760mm(1.97"~29.92") (※1)	
	Reading angle	Pitch:±65° Tilt: ±25° Skew motion:±50° (※1)		Pitch:±60° Roll: 360° Skew motion:±60°	
	Readable code	JAN/UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF (INTERLEAVED 2of5), DISCRETE 2of5, CHINESE 2of5, MATRIX 2of5, CODABAR(NW-7), MSI, GS1 DATABAR OMNIDIRECTIONAL, GS1 DATABAR LIMITED, GS1 DATABAR EXPENDED		1D: JAN/UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF (INTERLEAVED 2of5), DISCRETE 2of5, CHINESE 2of5, MATRIX 2of5, CODABAR(NW-7), MSI, GS1 DATABAR OMNIDIRECTIONAL, GS1 DATABAR LIMITED, GS1 DATABAR 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	30,000 times (※2)	40,000 times (※2)	20,000 times (※2)	36,000 times (※2)
	Power Source	Magconn cable (※3)	Magconn cable, DC Power cable (※3)	Magconn cable (※3)	Magconn cable, DC Power cable (※3)
	Charging time	About 2 hours (Built-in battery) (※4)			
Key input	2 trigger key				
Communication	Interface	MFi on Lightning (※5)			
	Dimensions (H)x(W)x(D)mm	63.7×9.7×117.2	64.4×17×141.9	63.7×9.7×117.2	65 x 18 x 141.9
Appearance	Weight(with Battery)	About 65g	About 80g	About 70g	About 90g
	Material	PC	PC/TPU	PC	PC/TPU
	Case color	White	White, Black	White	White
	LED	Non-blinking Blue LED: Connected with device (※6). Blinking Blue LED: Reading Barcode. 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 (※7)			
Certificates	Apple MFi(plan) / FCC(plan) / CE(plan)	Apple MFi/ FCC/CE/KC	Apple MFi(plan)/FCC(plan)/CE(plan)	Apple MFi/ FCC/CE	
Requirements	Devices	See Case	iPhone5/5S/iPod touch	See Case	iPhone5/5S/iPod touch
	OS	iOS8.1.1~ (except iOS9.2.x)	iOS7.1.1~ (except iOS9.2.x)	iOS8.1.1~ (except iOS9.2.x)	iOS7.1.1~ (except iOS9.2.x)
Bundled items	Magconn cable, Earphone extension cable, Manual	Magconn cable, DC Power cable, Earphone extension cable, iPod touch sheet (※8), Manual	Magconn cable, Earphone extension cable, Manual	Magconn cable, DC Power cable, Earphone extension cable, iPod touch sheet (※8), Manual	

※1 May depend on barcode type. ※2 Continuous operation time was tested with iPhone's default brightness setting. ※3 Standard iPhone 1A charger is strongly recommended to be used when using Magconn 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 required and available for free download. Please contact us. ※6 Blue LED will turn on after iPhone/iPod is connected. LED will turn off after the reading the first tag.
 ※7 iPhone screen could be broken, depending on the drop angle. ※8 A provided "iPod touch sheet" is required to mount iPod touch securely for ASX-510R/520R. Please confirm the latest information on our website.

Category	AsReader Dock RFID	AsReader RFID
Model Name	ASR-03xD	ASX-30xR
RFID	Spec	ISO 18000-6 Type C/EPCglobal Class1 Gen2
	Bandwidth	865-868/902-928 MHz (※1)
	Output power	316mW(25dBm)
	Reading distance	About 1m (※2)
	Polarization characteristics	Circularly Polarized Antenna
Battery	Function	Read / Write / Lock / Kill
	Battery Capacity	Built-in rechargeable lithium-ion battery 700mAh
	Continuous operation time	7 hours or more. Approximately 40,000 scans. (※3)
	Power Source	Magconn cable (※4)
Key input	Charging time	About 2 hours (Built-in battery) (※5)
	Interface	2 trigger key
Appearance	Interface	MFi on Lightning (※6)
	Dimensions (H)x(W)x(D)	63.7×9.7×117.2
	Weight(with Battery)	About 75g
	Material	PC
Environment	Case color	White
	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
Certificates	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)
Requirements	Devices	TELEC / Apple MFi (plan) / FCC(plan) / CE(plan)
	OS	See Case
Bundled items	OS	iPhone5/5S/iPod touch (※9)
	OS	iOS8.1.1~ (except iOS9.2.x)
Bundled items	Magconn cable, Earphone extension cable, Manual	Magconn cable, AC adapter, Earphone extension cable, iPod touch sheet, Manual

※1 The radio frequency bandwidth can be modified between these levels using software. ※2 It may depend on the type of IC tags and operating circumstances.
 ※3 iPhone's battery will last about 4.5hrs/25,000 times continuous reading on iPhone's default brightness setting. At which point AsReader's battery will still have about 50% charge.
 ※4 Standard iPhone 1A charger is strongly recommended to be used when using Magconn cable.
 ※5 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.
 ※6 SDK is available for free download. ※7 Blue LED will turn on after iPhone/iPod is connected. LED will turn off after the reading the first tag.
 ※8 iPhone screen could be broken, depending on the drop angle. ※9 A provided "iPod touch sheet" is required to mount iPod touch securely for ASX-30xR. Please confirm the latest information on our website.



ASC-P6-W



ASC-P6-B



ASC-PM3H-B



ASC-P5H-B

Category	AsReader Accessory (Magconn)	
Model Name	ASA-005S-W	ASA-011B
Specs	Output Power	5V 2.1A
	Dimensions (H)x(W)x(D)mm	105×51×72.82
	Weight	About 230g
	Color	White



ASA-005S-W



ASA-011B

Category	AsReader case			
Model Name	ASC-P6-W ASC-P6-B	ASC-T5-W ASC-T5-B ASC-T5-P	ASC-PM3H-W ASC-PM3H-B	ASC-P5H-W ASC-P5H-B
Appearance	iOS device	iPhone 6, 6s	iPod touch 5/6gen.	iPad mini 2/3
	Material	Silicon	Silicon	Silicon+ PC
	color	White, Black	White, Black, Pink	White, Black

※ Please ask us about a case for another iOS device