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Specification Sheet

Model No.: SF-M580	Passport Reader	
Product Overview	SF-M580 is an efficient and convenient smart passport card reader device, relying on OCR (Optical Character Recognition Technology) technology, which can quickly identify the MRZ (Machine Readable Zone) information of the extracted passport, so as to accurately read the electronic chip information in the passport.	
Product features	✧High-precision recognition: Advanced OCR technology is adopted, and the recognition accuracy is high ✧Easy to operate: plug and recognize, no complicated operation ✧Small and portable: Compact in size, easy to carry, can be used anytime, anywhere. ✧Multi-platform use: support Windows and Android platforms ✧Easy development: standard USB interface, source code SDK provided	

Electrical parameters	
Communication interfaces	USB
Operating voltage	5V
Operating current	<400mA
Size	140x175x24(mm)
connector	USB 2.0

OCR **(optical character recognition)**	
Scan area	120x21(mm)
Identify MRZ	Native or cassette information designed in accordance with ICAO DOC 9303

Contactless card reading	
Communication protocols	CCID,PC/SC
Automatically triggered	It supports automatic sensing of documents to trigger document reading
Contactless cards	ISO 14443 Type A / B ; ICAO9303 standard passport Mifare Classic 、 Mifare Ultralight C; Card clock frequency：13.56MHz

Working Temperature	
Operating temperature	-10℃ ~ 50℃
Humidity	0% ~ 90% RH（Non-condensing）
Storage temperature	-40℃~80℃

Light	
Power lights	The power is turned on and the red light is on
Status lights	The green light flashes at work
Warning lights	Unusual yellow light flashing

System	
Operating system	Windows/android