

All-in-One Fingerprint Smart Card Reader



MR-500



Contact card reader
ISO/IEC 7816, EMV, PBOC2.0



Contactless card reader
ISO14443 type A&B



Magnetic stripe card reader
IBM, ISO, ANSI



363 dpi resolution



Fingerprint authentication scanner



Live fingerprint detection

Miaxis® Model MR-500 All-in-One Fingerprint Card Reader is a compact, versatile biometric desktop for integrating contact & contactless smart card readers, Magnetic stripe Card reader into one device with built-in fingerprint authentication scanner.

» SPECIFICATION

○ Physical Parameter	Dimension(L x W x H)	223.5 x 157.0 x 87.5mm
	Operating temperature	-10°C ~ +60°C
	Storage temperature	-20°C ~ +80°C
	Operating humidity	20%RH ~ 90%RH
	Vibration	10-55Hz
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○ Hardware Parameter	Processor	Cortex-M3, 72MHz
	Memory	64K SRAM
	Interface	UART
	Supply voltage	DC 12V/3A
	ESD immunity	±8kV contact discharge, ±15kV air discharge
	Contactless card reader	ISO14443 A/B
	Contact card reader	ISO/IEC 7816, EMV, PBOC2.0
Magnetic stripe card reader	<ul style="list-style-type: none"> • Triple Track 1/2/3 • High&low coercivity • IBM, ANSI, ISO7810/7811/7812 	
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○ Biometric Authentication	Sensor type	Capacitive sensor
	Sensor name	FPC1011F
	Active platen area	10.64 x 14.00mm
	Image size	152 x 200 pixel
	Image resolution	363 dpi
	Gray scale	8 bit, 256 levels
	Live finger detection	Yes
	FAR	≤0.001%
	FRR	≤1%

Biometric Device Factory&Turnkey Biometric Recognition System Solution Provider

<p>20+</p> <p>20+ years of successful business</p>	<p>2000+</p> <p>Trusted by 2000+ bank branches globally, over 60% market share in domestic financial market</p>	<p>Qualified partner by Government of China</p>	<p>ISO9001/14001</p> <p>Quality assurance</p>	<p>150+</p> <p>150+ industry-leading patents and intellectual properties</p>
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