

# M20

## Fingerprint QR Code Access Control Reader



Performance Parameters	Authentication Methods		QR code, fingerprint, NFC	
	QR Code	Pixel	640*480	
		Code System	QR, code128	
		Readability	≥8mil	
		Accuracy		
		Medium	Mobile phone screen, printed code	
		Viewing Angle	Horizontal 72.1° Vertical 56.6° View angle 84.3°(15milQR)	
		Sensitivity	Tilt±56.3° Rotation±360° Deflection±55.7°(15milQR)	
	Contactless Card	Readout Speed	50ms/time	
		Card System	M1 card, CPU card, ect ISO14443 A protocol card	
	Contact Card	Swipe Distance	TBD	
			PSAM card	
	Fingerprint		Semiconductor instructions for identification	
	Button		12-key capacitive touch	
	Complementary Light		White	
	Indicator Light		Green, red	
	Sound Instructions		Buzzer	
	Interface		RS485, 100M Network port, relay, open door input	
	Dust and Water Proof		IP54	
	Electrical/Mechanical Parameters	Product Size (L*W*H)		140.5mm*76.5mm*18.5mm
Operating Voltage			DC 9~15V	
Operating Current			TBD	
Rated Power			TBD	
Consumption				
Communication Interface			RS485, 100M Network port	
Communication Protocol			Vguang Communication Protocol	
Static Protection			4KV on contact, 8KV in air	
Environmental Parameters		Operating Temperature		-20°C-70°C
		Storage Temperature		-40°C-80°C

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