

Product specifications

Category	Feature	Specification
Credential	Biometric	Face
	RF Option	<ul style="list-style-type: none"> FS2-D: 125kHz EM & 13.56Mhz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, NFC FS2-AWB: 125kHz EM, HID Prox & 13.56Mhz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC, BLE
	RF read range*	MIFARE/DESFire/iCLASS: 50 mm / EM/HID Prox/Felica: 30 mm, BLE: 50 mm
	LFD	Supported
General	CPU	1.4 GHz Quad Core
	Memory	8GB Flash + 1GB RAM
	LCD type	4" color TFT touch
	LCD resolution	800 x 480
	Sound	24 bit/Voice DSP (echo cancel)
	Operating temperature	-20 °C - 50 °C
	Storage temperature	-40 °C - 70 °C
	Operating humidity	0% - 80%, non-condensing
	Storage humidity	0% - 90%, non-condensing
	Camera type	CMOS
	Camera resolution	720 x 480
	Camera angle	Visual Lens: Diagonal 92.7° IR Lens: Diagonal 58°
	Dimension (W x H x D)	141 mm x 164 mm x 125 mm
	Weight	Device: 628 g Bracket: 74 g (Including washer and bolt)
	Certificates	CE, FCC, KC, RoHS, REACH, WEEE
Capacity	Max. User (1:1)	30,000
	Max. User (1:N)	3,000
	Max. Template (1:1)	900,000
	Max. Template (1:N)	90,000
	Max. Text Log	5,000,000
	Max. Image Log	50,000
Interface	Wi-Fi	Supported (Built-in, IEEE802.11 b/g)
	Ethernet	Supported (10/100/1000 Mbps, auto MDI/MDI-X)
	RS-485	1ch Host or Slave (Selectable)
	Wiegand	1ch Input, 1ch Output
	TTL input	1ch Input
	Relay	1 Relay
	USB	USB 2.0 (Host)
	Tamper	Supported
Electrical	Power	Voltage: 12 VDC Current: Max. 2.5 A
	Switch input VIH	Min.: 3 V Max.: 5 V
	Switch input VIL	Max.: 1 V
	Switch Pull-up resistance	4.7 kΩ (The input pots are pulled up with 4.7 kΩ)
	Wiegand output VOH	More than 4.8 V
	Wiegand output VOL	Less than 0.2 V
	Wiegand output Pull-up resistance	Internally pulled up with 1 kΩ
	Relay	Voltage: Max. 30 VDC Current: 1 A, Max. 2 A

* RF read range will vary depending on installation environment.