

Product specifications

Category	Feature	Specification
Credential	Biometric	Fingerprint
	RF Option	<ul style="list-style-type: none"> BEW2-OHP: 125kHz HID Prox BEW2-ODP: 125kHz EM & 13.56Mhz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, NFC, ISO14443A, ISO15693 BEW2-OAP: 125kHz EM, HID Prox & 13.56Mhz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC, ISO14443A, ISO15693
	RF read range *	MIFARE/DESFire/EM/HID Proxy/iClass/ISO15693 : 50 mm, Felica: 30 mm
General	CPU	1.2 GHz Quad Core
	Memory	2GB Flash + 256 MB RAM
	LED	Multi-color
	Sound	Multi-tone Buzzer
	Operating temperature	-20°C - 50°C
	Storage temperature	-40°C - 70°C
	Operating humidity	0% - 80%, non-condensing
	Storage humidity	0% - 90%, non-condensing
	Dimension (W x H x D)	50 mm x 172 mm x 43.5 mm (Bottom) / 38.2 mm (Top)
	Weight	Device: 251g Bracket: 43g (Including washer and bolt)
	IP rating	IP67
	IK rating	IK08
	Certificates	CE, FCC, KC, RoHS, REACH, WEEE
Fingerprint	Image dimension	272 x 320 pixels
	Image bit depth	8bit, 256 grayscale
	Resolution	500 dpi
	Template	SUPREMA / ISO 19794-2 / ANSI 378
	Extractor / Matcher	MINEX certified and compliant
	LFD	Supported
Capacity	Max. User (1:1)	500,000
	Max. User (1:N)	100,000
	Max. Template (1:1)	1,000,000
	Max. Template (1:N)	200,000
	Max. Text Log	1,000,000
Interface	Ethernet	Supported (10/100 Mbps, auto MDI/MDI-X)
	RS-485	1ch Master / Slave (Selectable)
	Wiegand	1ch Input / Output (Selectable)
	TTL input	2ch Input
	Relay	1 Relay
	PoE	Supported
	Tamper	Supported
Electrical	Power	Voltage: DC 12 V Current: Max. 600 mA
	Switch input VIH	Min. 3 V Max. 5 V
	Switch input VIL	Max. 1 V
	Switch Pull-up resistance	4.7 k Ω (The input ports are pulled up with 4.7 k Ω .)
	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 k Ω
	Relay	Voltage: Max. 30VDC Current: 1A

* RF read range will vary depending on the installation environment.