

Product specifications

Category	Feature	Specification
Credential	Biometric	Fingerprint
	RF Option	<ul style="list-style-type: none"> BEW2-OHPB: 125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa BEW2-ODPB: 125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa BEW2-OAPB: 125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, iCLASS SE/SR/Seos
	RF read range**	MIFARE/DESFire/EM/HID Prox/iCLASS : 50 mm, FeliCa: 30 mm
General	Mobile	NFC, BLE
	CPU	1.2 GHz Quad Core
	Memory	2GB Flash + 256 MB RAM
	Crypto chip	Supported
	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)	82 mm x 208.5 mm x 25.9 (53) mm
	Weight	<ul style="list-style-type: none"> Device: 251 g Bracket (Including washer and bolt): 43 g
	IP rating	IP67
	IK rating	IK09
	Certificates	CE, FCC, KC, RoHS, REACH, WEEE UL294 (Only BEW2-OAP)
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
	Live Fingerprint Detection	Supported (SW-based)
Capacity	Max. User	500,000***
	Max. Credential (1:N)	Fingerprint: 100,000
	Max. Credential (1:1)	<ul style="list-style-type: none"> Fingerprint: 500,000 Card: 500,000 PIN: 500,000
	Max. Text Log	5,000,000
Interface	Ethernet	Supported (10/100 Mbps, auto MDI/MDI-X)
	RS-485	1ch Master / Slave (Selectable)
	Wiegand	1ch Input / Output (Selectable)
	TTL input	2 ch Inputs
	Relay	1 Relay
	USB	USB 2.0 (Host)
	PoE	Supported (Power over Ethernet 44 VDC Max 12 W, IEEE 802.3af)
	Tamper	Supported