

Product specifications

Category	Feature	Specification	
		BEP2-OD	BEP2-OA
Credential	Biometric	Fingerprint	
	LF card option	EM	EM, HID Prox
	HF card option	MIFARE, MIFARE Plus, DESFire/EV1, FeliCa	MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR
	NFC card	Supported	Supported
	RF read range*	MIFARE/DESFire/EM/HID Prox/iCLASS : 50 mm, FeliCa: 30 mm	
General	CPU	1.0 GHz	
	Memory	8GB Flash + 64MB 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)	50mm x 164mm x 37.5mm	
	Weight	Device: 162g Bracket: 39g (Including washer and bolt)	
	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	
Capacity	Max. User (1:1)	10,000	
	Max. User (1:N)	10,000	
	Max. Template (1:1)	20,000 (Two templates per finger)	
	Max. Template (1:N)	20,000 (Two templates per finger)	
	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	
	Tamper	Supported	
Electrical	Power	Voltage: DC 12V, Current: Max. 600 mA * Use 12VDC, 1.5A power supply.	
	Switch input V _{IH}	Min. 3V Max. 5V	
	Switch input V _{IL}	Max. 1V	
	Switch Pull-up resistance	4.7k Ω (The input ports are pulled up with 4.7k Ω .)	
	Wiegand output V _{OH}	Min. 4.8V	
	Wiegand output V _{OL}	Max. 0.2V	
	Wiegand output Pull-up resistance	Internally pulled up with 1 k Ω	
	Relay	Voltage: Max. 30VDC Current: 1A, Max. 2A	

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