

EBS820

IP67 OUTDOOR FINGERPRINT DEVICE



The EBS820 outdoor fingerprint terminal provides comprehensive Access Control and Time & Attendance. It boasts the latest fingerprint algorithm coupled with the world's best fingerprint sensor. Packed in a rugged IP67 housing, with multi-class RFID reading technology.

The device comes with a TCP/IP interface, RS-485 and Wiegand to provide higher flexibility and multiple installation options for different environments. It also offers 2 internal inputs and 1 internal relay output to control peripheral devices.

FEATURES

- Fast fingerprint matching speed
- Ideal for outdoor installations
- Supports most types of RFID card standards with a single device
- Advanced accuracy and security - High-precision OP6 optical sensor

SPECIFICATIONS

RF Options	125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, NFC & 2.4GHz BLE
Sensor Type	Optical Sensor (OP6)
Template	SUPREMA / ISO 19794-2 / ANSI 378
Extractor / Matcher	MINEX certified and compliant
CPU	1.2 GHz
Memory	4GB Flash + 64MB RAM
Template Count	User: 10,000 Template: 20,000 (Two templates per finger) Logs: 1,000,000
LCD	1.77" color LCD
Sound	16-bit Hi-Fi
Ethernet	10/100 Mbps, auto MDI/MDI-X
RS-485	1ch Host or Slave (Selectable)
Wiegand	1ch Input or Output (Selectable)
TTL	2ch Input
Relay	1 Relay
Ingress Protection	IP67
Power	DC 12V
Operating Temperature	-20°C ~ 50°C, (BLN2-PAB: -10°C ~ 50°C)
Operating Humidity	0% ~ 80%, non-condensing
Dimensions (WxHxD)	58 x 190 x 44 mm
Certificates	CE, FCC, RoHS, REACH, WEEE, FBI PIV (BLN2-PAB sensor only)

OPTIONAL ADD-ON

The EBS820 rain shield.



*DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with BioLite N2.

