BioEntry R2

Compact Fingerprint Reader

Suprema BioEntry R2 is a compact fingerprint reader exclusively designed for centralized access control systems. Packed in a slim, mullion-type design, BioEntry R2 provides high-definition fingerprint image capture, minutiae extraction as well as dual-frequency multi RF card reading capability. Combined with Suprema's intelligent biometric controller, the CoreStation, BioEntry R2 completes biometrics-driven access control system with enhanced simplicity and level of security of centralized system topology.

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Features

Multi RFID card reading
· LF(125kHz), HF(13.56MHz) dual-band
· Reads all primary card types
  (EM, MIFARE, MIFARE Plus, DESFire EV1/EV2, FeliCa, NFC)

Field-proven fingerprint technology
· Latest Suprema fingerprint algorithm
· High-precision OP5 optical sensor
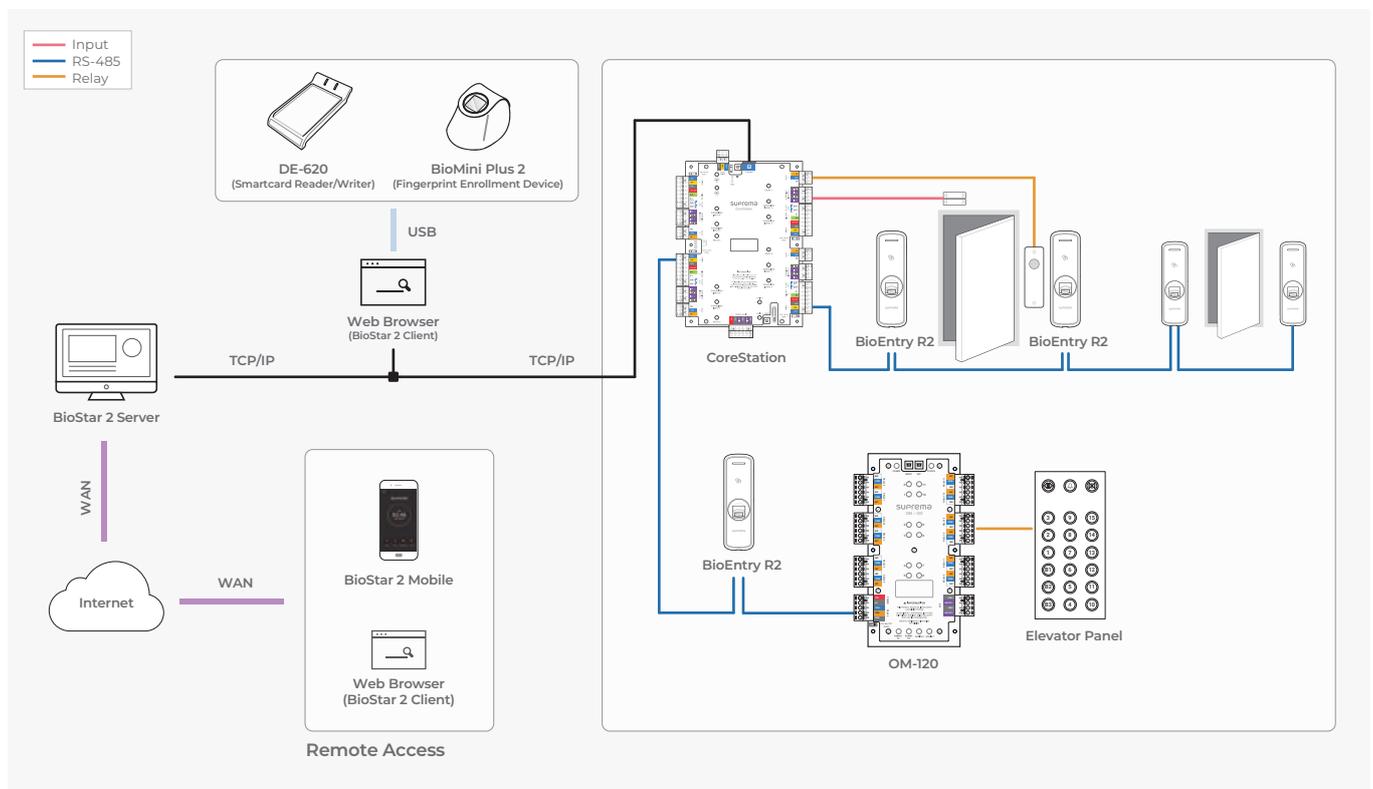
OSDP Standardized communication
· Open Supervised Device Protocol (OSDP)

Specifications

Model Name	BER2-OD
Biometric	Fingerprint
Sensor Type	Optical Sensor (OP6)
Template	SUPREMA / ISO 19794-2 / ANSI 378
Extractor / Matcher	MINEX certified and compliant
RF Option	125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, NFC
CPU	1.0 GHz
Memory	32MB Flash + 32MB RAM
LED	Multi-Color
Sound	Multi-tone Buzzer
RS-485	1ch Slave, OSDP V2.1.6
Tamper	Supported
Power	DC 12V
Operating Temperature	-20℃ ~ 50℃
Operating Humidity	0% ~ 80%, non-condensing
Dimensions (WxHxD, mm)	50 x 164 x 37.5
Weight	158g
Certificates	CE, FCC, KC, RoHS, REACH, WEEE

* DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with BioEntry R2.

System Configurations