

## Technical Specifications

Base Module	Color LCD Touch Screen – 3.5” diagonal (89 mm) – 150 DPI resolution NFC reader/writer (binary NFC content reading) – Supported Classic MIFARE 4K NFC card Barcode reader (1D and 2D binary barcode reading) Fingerprint reader, FBI Appendix F certified (FAP45 category for 1 or 2 fingers) Biometric Authentication process patented in Italy and USA		
Enrollment Server	SM module for private key generation (RSA 2048) for digital signature of biometric credential on the way back to the phone and to the BioCred Device GDPR compliant		
Mobile App (Biometric authentication solution)	iOS and Android compatible Possible custom branding upon request Possibility to integrate BioCred credential delivery and display into banking App		
ID Card Scan module (option)	ISO 7810 ID-1 format – ID Card and equivalent documents scanning Single face scanning, manual flip for front and rear Image quality 600 DPI – Color RGB/UV/IR image		
Certificates & Compliance	FCC Class A, CE, CB, UL RoHS, REACH, WEEE OWASP Penetration test certified FBI Appendix F certified (FAP45 category for 1 or 2 fingers)		
System connection	HTTPS communication between Enrollment Server and Device Symmetric encryption (AES 256) between Server and Device (different key for different Banks, same key for all BioCred Devices within the same Bank) HTTPS communication between Device and workstation		
OS Support	Any Linux, Windows PC, MAC, tablet capable of delivering and receiving HTTP/HTTPS commands		
Operating Conditions	Temperature: +15°C ÷ +35°C (59°F to 95°F) Humidity: 20% ÷ 80% R.H. non-condensing		
Storage Conditions	Temperature: -20°C ÷ 60°C (-4°F ÷ 140°F) Humidity: 0 ÷ 90% R.H. non-condensing		
Network/Communication	LAN, Wi-Fi (requires optional USB dongle) RNDIS (TCP/IP over USB)		
Input Voltage	Wall Adapter: 5.5 VDC / 2A PoE : 48VDC		
Supply Voltage	Adapter autosensing from 100 to 240 VAC, 50 to 60 Hz PoE (Power over Ethernet) IEEE 802.3af compliant		
Dimensions		base unit	with ID scan
	width	145 mm – 5.7”	145 mm – 5.7”
	depth	137 mm – 5.4”	157 mm – 6.2”
	height	188 mm – 7.4”	238 mm – 9.4”
	weight	~900 g – 2 lb	~1.3 Kg – 2.8 lb