

## Technical Specifications

<b>Base Module</b>	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		
<b>Enrollment Server</b>	Internal algorithm for private key generation (Ed25519) for digital signature of biometric credential on the way back to the phone and to the BioCred Device GDPR compliant		
<b>Mobile App (Biometric authentication solution)</b>	iOS and Android compatible Possible custom branding upon request Possibility to integrate BioCred credential delivery and display into banking App		
<b>ID Card Scan module (option)</b>	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		
<b>Certificates &amp; Compliance</b>	FCC Class A, CE, CB, UL RoHS, REACH, WEEE OWASP Penetration test certified FBI Appendix F certified (FAP45 category for 1 or 2 fingers)		
<b>System connection</b>	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		
<b>OS Support</b>	Any Linux, Windows PC, MAC, tablet capable of delivering and receiving HTTP/HTTPS commands		
<b>Operating Conditions</b>	Temperature: +15°C ÷ +35°C (59°F to 95°F) Humidity: 20% ÷ 80% R.H. non-condensing		
<b>Storage Conditions</b>	Temperature: -20°C ÷ 60°C (-4°F ÷ 140°F) Humidity: 0 ÷ 90% R.H. non-condensing		
<b>Network/Communication</b>	LAN, Wi-Fi (requires optional USB dongle) RNDIS (TCP/IP over USB)		
<b>Input Voltage</b>	Wall Adapter: 5.5 VDC / 2A PoE : 48VDC		
<b>Supply Voltage</b>	Adapter autosensing from 100 to 240 VAC, 50 to 60 Hz PoE (Power over Ethernet) IEEE 802.3af compliant		
<b>Dimensions</b>		<i>base unit</i>	<i>with ID scan</i>
	<i>width</i>	145 mm – 5.7"	145 mm – 5.7"
	<i>depth</i>	137 mm – 5.4"	157 mm – 6.2"
	<i>height</i>	188 mm – 7.4"	238 mm – 9.4"
	<i>weight</i>	~900 g – 2 lb	~1.3 Kg – 2.8 lb