

# BACS<sup>TM</sup> Suite

You Are The Key.

## Multi-Biometric Door Solution



Face and Palm vein. Dual biometric recognition Suite is true ingenious way to access secured areas with an innovative style.

Suite is the latest generation solution providing a built-in biometric door solution. Suite combines face and palm vein authentication for your complete comfort and safety. Suite provides both convenience and reliability with ultra-fast matching speeds in 0.05 seconds and a powerful accuracy of 0.0001 % FAR. Protect and control your space while adding value and increasing security through the introduction of identity verification.

The custom built-in design blends seamlessly with the customers desired aesthetic while enhancing your entryway security.

### | Security and Reliability |

- Multi-biometric authentication – Face, Palm Vein & RFID
- AES 256 data encryption
- Remote data management, firmware update and access control management via CruAMS (CrucialTrak Access Management System)

### | Performance |

- High speed data processing
- Sound and OLED indicator
- Supports custom operational environment
- RFID capability

### | Compatibility |

- Simple integration with an array of systems via various interfaces (Wiegand in/out, RS485)
- Easy installation

### | Convenience |

- World's fastest authentication
- Simultaneous authentication
- Wide authentication angle – up to 60°





CPU	2G Hz Hexa Core ARM CPU	
Memory/ Storage	2GB/ 4GB	
Built-in Display	1.8" OLED display	
Optional Display	HDMI monitor (FHD must be supported)	
Audio Out	Sound effect	
Color	Metal black or Mirror bright	
Operation Mode	Face, Palm Vein and RFID (Single & Multi-mode)	
Biometric Recognition	Face	Palm Vein
Recognition Distance	- 2 m / - 6.5 ft	35 mm - 76 mm / 1.4 in - 3.0 in
FAR/ FRR of Algorithm	0.001 / 0.1	0.0000001 / 0.01
Capacity	2,500 faces	500 palms
Encryption	AES256	
Safety	UL60950-1, EN60950-1	
Event Log Capacity	100,000 events	
Communications	Wi-Fi, Gigabit Ethernet, RS-485, USB 2.0, Wiegand out	
External Interface	USB 2.0 & HDMI	
Remote Control	Built-in WEB server	
Connection	18p socket, 8p Ethernet Socket, HDMI micro, Standard USB2.0	
Input/ Output	In : Exit in, Door status in, Fire in (5 - 24V enable) / Out: Relay x 1	
Power	12V DC/ 3A	
Dimensions	100 mm x 50 mm x 238 mm/ 39.37 in x 19.68 in x 93.70 in	
Weight	7 kg/ 1.2 lb	
Languages	English (Customization available)	
Operating Temperature	0 - 60 °C / 32 - 140 °F	
Operating Humidity	5% - 80%	
Housing Materials	Flame retardant ABS, Poly Carbonate, PP, Metal, Mirror	
Management SW	CruAMS (CrucialTrak Access Management System)	
Mounting	Default wall mounting bracket	
Built-in RFID reader	13.56MHz, ISO14443A/B, ISO-15693, NFC	
Certifications	CE, NRTL, TUV, FCC, KC	

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