



ACL805SUW-BC-S

ACL800 Biometric Capacitive with Keypad - Fingerprint, Wiegand, Surface mount, 9500 Templates, Silver

Product description

ACL805SUW-BC is a Wiegand biometric keypad for access control applications with backlit keys and programmable Wiegand output. It offers storage up to 9500 fingerprints, programmable Wiegand Output (24 to 80 bits) and selectable PIN Code length. Configuration of the readers and fingerprint enrollment is done through ACL800 BioManager Software.

The ACL800 range

The current ACL800 range is over 10 years old and is due for a refresh. The ACL800 range that consisted out of access readers, keypad readers and request-to-exit sensitive pushbuttons, has been extended with Biometric readers. There are two models, being the swipe and the touch capacitive biometric sensors. They are available in any combination of biometric swipe / touch capacitive, swipe / touch capacitive + keypad, swipe / touch capacitive + proximity reader, swipe / touch capacitive + Mifare reader.

Wiegand range

The Wiegand devices are ideal to be networked by using the TCP / IP to RS485 converter ACL800FL-CONV-W. Up to 31 Wiegand devices can be daisy-chained over RS485 and are managed by the ACL800 BioManager. When you need more devices, then simply add another converter. The access rights can be uploaded from the ACL800 BioManager to all the Wiegand devices connected to the converter. You have the option to either store the fingerprint templates in the reader or on the credential for privacy reasons.

ACL800 BioManager

Fingerprint and reader management software for biometric readers when used with third party access control systems. Fingerprint enrollment is done from any networked biometric reader or from a USB desktop enrollment unit. The fingerprints could be sent to one or all biometric readers in the network. ACL800 BioManager is a free application and also manages the access levels.

Compatible with : Windows 7, Windows 8 and Windows 10.



Details

- Indoor/outdoor
- Dust proof and water-resistant (IP65)
- Attractive and timeless design
- Includes a buzzer
- Tri-color LED's
- Surface mount
- Backlight illumination
- Two-factor authentication
- Keypad with Biometric fingerprint reader

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Technical specifications

Technology

Reader type	BioMetric, PIN
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System

Max. reader distance to panel	50 m
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RTE (Request To Exit)	No
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CSN (Card Serial Number)	No
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No. of LEDs	3
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No. of covers included	1
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Biometric

Biometric type	Fingerprint
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Biometric sensor type	Capacitive
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Biometric template storage size	up to 9500 fingerprints
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Fingerprints per user	1-10 fingerprints
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Fingerprint enrollment	On the reader or from the USB desktop reader
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Protocol programming	By ACL800 BIOMANAGER (all access control systems)
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Interface & connections

Interface	Wiegand
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Connector type	Pigtail
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Pigtail length	100 cm
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Interface	Wiegand 24 to 80 bits; Default: Wiegand 26bit
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Tamper type

Pry-off tamper	No
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Opening tamper	Yes
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Operation

Stand-alone	No
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PIN keypad	Yes
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PIN length	1 to 8 digits
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Green LED	Externally controlled
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Red LED	Externally controlled
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Orange LED	Idle mode
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Illumination	Blue backlight (programmable on/off control)
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Buzzer	1 (internal)
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Authentication	Finger, Finger or PIN Code, Finger or/and PIN Code
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Support

Language installation manual	English
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Electrical

Power supply type	VDC
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Power supply value	9 to 14 VDC
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Current consumption	150 mA at 12 VDC max
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Physical

Physical dimensions	100 x 94 x 30 mm
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Net weight	300 g
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Shipping weight	310 g
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Colour	Silver
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Material	Moulded aluminium
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Form factor	Oversized
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Mounting type	Surface Mount
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Environmental

Operating temperature	-20 to +50°C
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Storage temperature	-20 to +50°C
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Environment	Indoor / Outdoor
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IP rating	65
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Standards & regulation

Compliance	CE, RoHS
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