



SoftCon GmbH

Access control device ZB MA300out

with biometrical sensor and contactless reader

- High-performance access control device with incorporated high precision fingerprint sensor UPEK TCS1 and contactless RFID reader
- Suitable for indoor and outdoor installation
- Can be installed in network or used as standalone device
- Feature: External control unit for inner area makes device tamper-proof



Functions	
User capacity	10.000
Fingerprints	1.500
Transactions	100.000
Reader type 1	Scratchproof optical fingerprint sensor
Reader type 2	Contactless RFID
Communication	TCP/IP and RS232/485
LED indicator	Red and green
Summer/winter season	Automatic, if parametrized
Optional	Mifare/HID reader

Technical Details	
Operation system	Linux
Transponder type 1	Fingerprint sensor UPEK TCS1
Transponder type 2	RFID (125 KHz EM4102/4200)
Reader range	2 to 10 cm (type 2)
IP rating	IP54
Power supply	12V, DC, 3A
Dimension in mm	L=73, W=148, D=35
Operation temperature	-10° C to 60° C
Operation humidity	20% to 80%

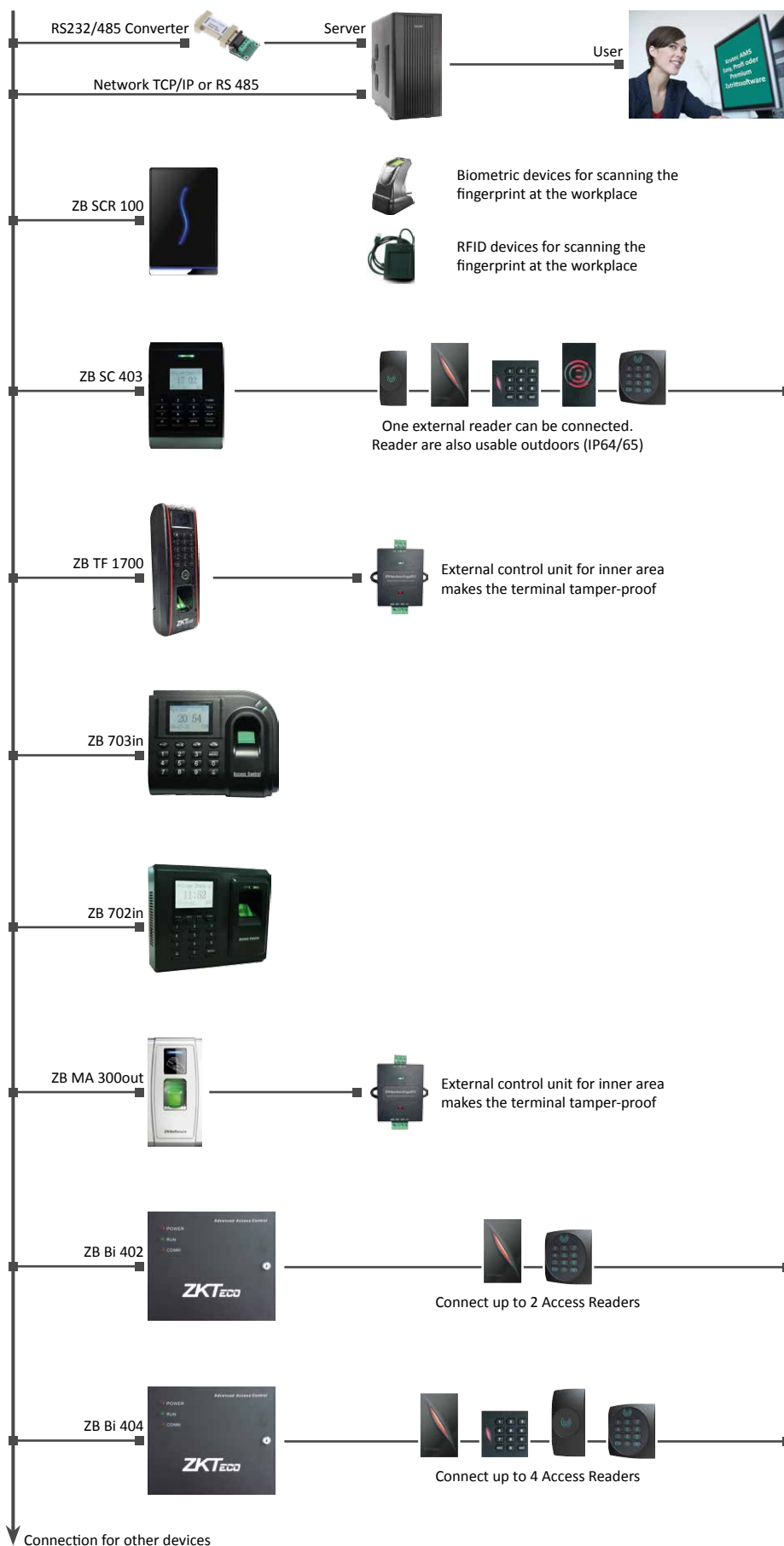
By placing a finger that was previously loaded into the system, the relay is controlled via a potential free contact and a door buzzer, motor lock, etc. released. The same can also be done with the contactless reader using a proximity card or a key chain. An LED display confirms visually the reservation. The system settings can be easily and comfortably inserted with the Krutec access software AMS. If standalone operating, the terminal had to be configured once via a PC or laptop.

With the Krutec access software and the ZB MA300 you have the option to ensure optimal and professional security for your building.

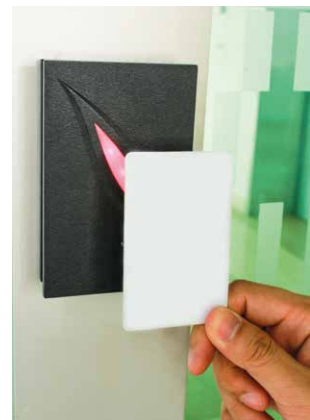
Example



Summary of devices and readers for access control



Using possibilities



Summary of access devices for access control

Device	Functions	Technical details
ZB SCR 100 	User capacity: 30.000, Transactions: 50.000 Reader type/input: Touchless RFID reader Communication: TCP/IP LED Display: Red and green Summer/winter season: automatic, if parametrized Optional: Mifare/HID reader	Systems software: Linux Transponder type: RFID (125 KHz EM4102/4200) Reader distance: 2 to 10 cm Power Supply: External 12V, DC, 3A Dimension in mm: L=153, W=95, D=36 Working temperature: 0° C to 45° C Air humidity: 20% to 80%
ZB SC 403 	User capacity: 30.000, Transactions: 50.000 Reader type/input: Touchless RFID reader/PIN Communication: TCP/IP and RS232/485 Display: Black/white, LCD-Display LED Display: Red and green Keypad: Numeral and menu control Summer/winter season: automatic, if parametrized Optional: Mifare/HID reader	Systems software: Linux Transponder type: RFID (125 KHz EM4102/4200) Reader distance: 2 to 10 cm Power Supply: External 12V, DC, 3A Dimension in mm: L=130, W=95, D=49 Working temperature: 0° C to 45° C Air humidity: 20% to 80%
ZB MA 300out 	User capacity: 10.000, Transactions: 100.000 Reader type/input: optical Fingerprint sensor/RFID/PIN Communication: TCP/IP and RS232/485 LED Display: Red and green Summer/winter season: automatic, if parametrized Optional: Mifare/HID reader	Systems software: Linux Transponder type 1: Fingerprint sensor UPEC TCS1 Transponder type 2: RFID (125 KHz EM4102/4200) Reader distance: 2 to 10 cm on type 2 Power Supply: External 12V, DC, 3A Dimension in mm: L=73, W=148, D=35 Working temperature: -20° C to 65° C Air humidity: 20% to 80%
ZB 702in 	Fingerprints: 1.500, Transactions: 30.000 Reader type/input: optical Fingerprint sensor/RFID/PIN Communication: TCP/IP and RS232/485 Display: Black/white, LCD-Display LED Display: Red and green Keypad: Numeral and menu control (+ bell button) Summer/winter season: automatic, if parametrized Optional: Mifare/HID reader	Systems software: Linux Transponder type 1: Fingerprint sensor UPEC TCS1 Transponder type 2: RFID (125 KHz EM4102/4200) Reader distance: 2 to 10 cm on type 2 Power Supply: 9,6V to 14,4 V, DC Dimension in mm: L=180, W=82, D=55 Working temperature: 0° C to 45° C Air humidity: 20% to 80%
ZB 703in 	Fingerprints: 1.500, Transactions: 30.000 Reader type/input: optical Fingerprint sensor/RFID/PIN Communication: TCP/IP and RS232/485 Display: Black/white, LCD-Display LED Display: Red and green Keypad: Numeral and menu control (+ bell button) Summer/winter season: automatic, if parametrized Optional: Mifare/HID reader	Systems software: Linux Transponder type 1: Fingerprint sensor UPEC TCS1 Transponder type 2: RFID (125 KHz EM4102/4200) Reader distance: 2 to 10 cm on type 2 Power Supply: 9,6V to 14,4 V, DC Dimension in mm: L=180, W=82, D=55 Working temperature: 0° C to 45° C Air humidity: 20% to 80%
ZB TF 1700 	Fingerprints: 1.500, Transactions: 30.000 Reader type/input: optical Fingerprint sensor/RFID/PIN Communication: TCP/IP and RS232/485 Display: LED-Display LED Display: Red and green Keypad: Numeral and menu control Summer/winter season: automatic, if parametrized Optional: Mifare reader	Systems software: Linux Transponder type 1: Fingerprint sensor UPEC TCS1 Transponder type 2: RFID (125 KHz EM4102/4200) Reader distance: 2 to 10^4 cm on type 2 Power Supply: 12V, DC, 3A Dimension in mm: L=63, W=185, D=42 Working temperature: 0° C to 45° C Air humidity: 20% to 80%
ZB Bi 402 	Fingerprints: 3.000, Transactions: 100.000 Reader type/input: up to 2 touchless or biometric reader Communication: TCP/IP and RS232/485 LED Display: 5 indicators Summer/winter season: automatic, if parametrized	Systems software: Linux Transponder type 1: Fingerprint sensor UPEC TCS1 Transponder type 2: RFID (125 KHz EM4102/4200) Power Supply: 9,6V to 14,4 V, DC, 1A Dimension in mm: L=400, W=330, D=36 Working temperature: 0° C to 45° C Air humidity: 20% to 80%
ZB Bi 404 	Fingerprints: 3.000, Transactions: 100.000 Reader type/input: up to 4 touchless or biometric reader Communication: TCP/IP and RS232/485 LED Display: 5 indicators Summer/winter season: automatic, if parametrized	Systems software: Linux Transponder type 1: Fingerprint sensor UPEC TCS1 Transponder type 2: RFID (125 KHz EM4102/4200) Power Supply: 9,6V to 14,4 V, DC, 1A Dimension in mm: L=400, W=330, D=36 Working temperature: 0° C to 45° C Air humidity: 20% to 80%