Access control device **ZB SCR 100**
with contactless reader

- Attractive access control device with contactless reader for indoor installation
- Booking process will be displayed by a LED that is placed centrally in a long S-shape with the colors blue, red, green and also with an acoustic signal
- Can be installed in the network or used as standalone device
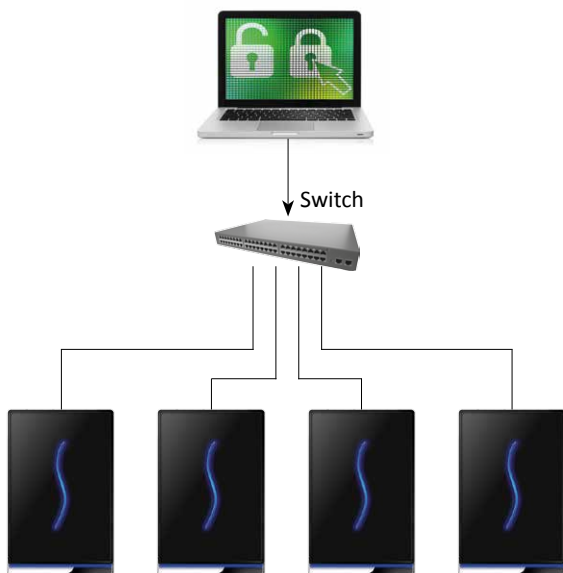- The door buzzer is switched by a relay on a potential free contact

Functions	
User capacity	30.000
Transactions	50.000
Reader type1	Contactless RFID
Communication	TCP/IP and RS232/485
LED indicator	Red, green and blue
Summer/winter season	Automatic, if parametrized
Optional	Mifare/HID reader

Technical Details	
Operation system	Linux
Transponder type 2	RFID (125 KHz EM4102/4200)
Reader range	2 to 10 cm
Power supply	12V, DC, 3A
Dimension in mm	L=153, W=95, D=36
Operation temperature	0° C to 45° 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 comfortable 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 SCR100 you have the option to ensure optimal and professional security for your building.
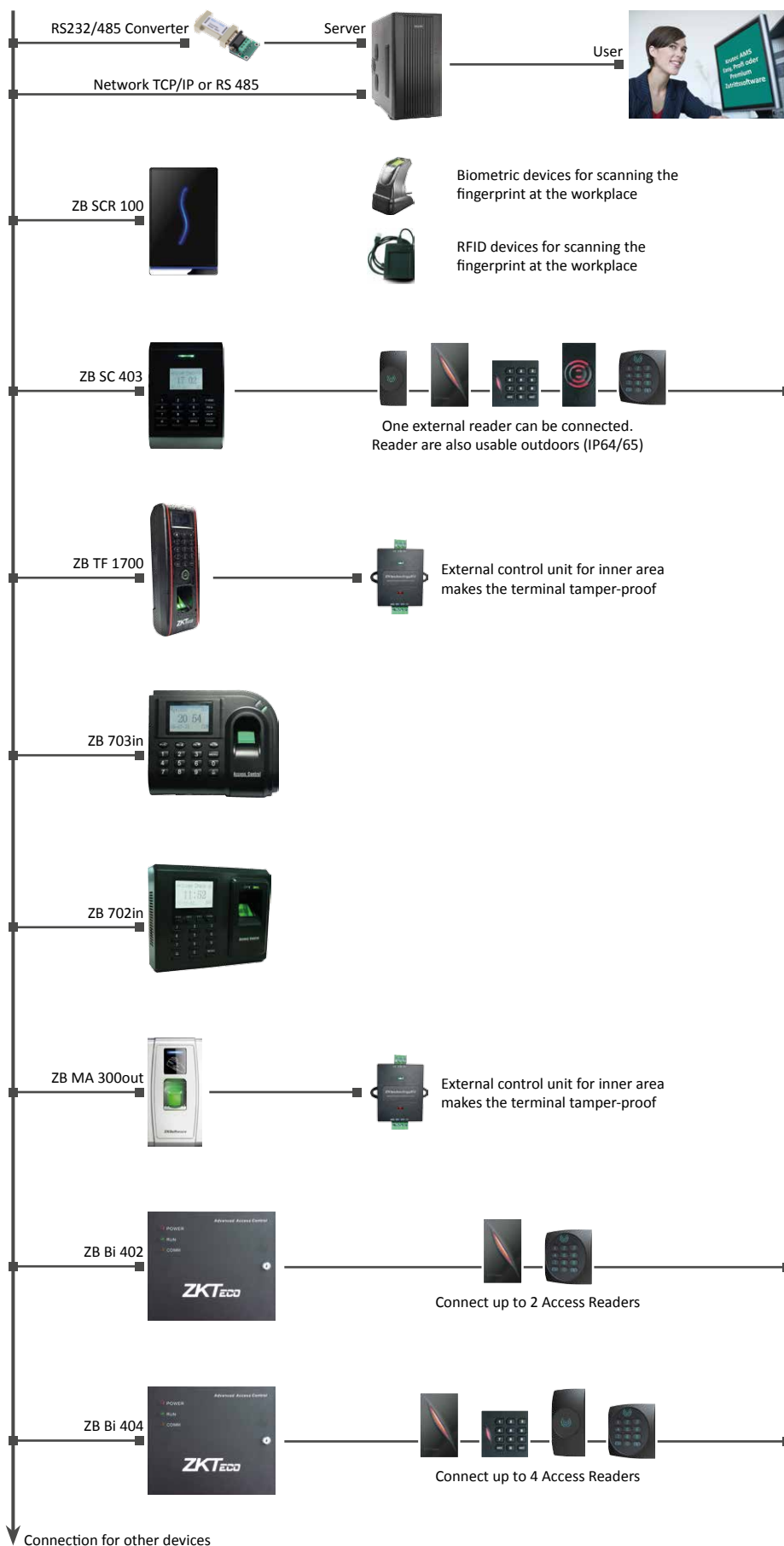
Switch

Used as standalone device

Summary of devices and readers for access control

RS232/485 Converter   Server

Network TCP/IP or RS 485   User

Using possibilities

ZB SCR 100

Biometric devices for scanning the fingerprint at the workplace

RFID devices for scanning the fingerprint at the workplace

ZB SC 403

One external reader can be connected.
Reader are also usable outdoors (IP64/65)

ZB TF 1700

External control unit for inner area makes the terminal tamper-proof

ZB 703in

ZB 702in

ZB MA 300out

External control unit for inner area makes the terminal tamper-proof

ZB Bi 402

Connect up to 2 Access Readers

ZB Bi 404

Connect up to 4 Access Readers

Connection for other devices

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^ 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%