BIOMETRICAL SOLUTION **BR06** SERIES

Please Select the Mode You Need
It's **NOT** available to change mode afterward !

For Register

Face | Face · RFID

Face · Finger | Face · Finger · RFID

or Recognition
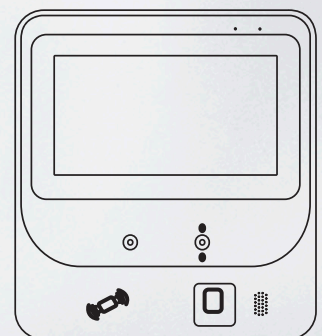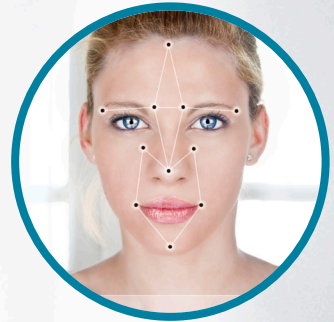
✓ Confirm

Shuttle®

BIOMETRIC SECURITY SOLUTIONS FROM SHUTTLE®

Collecting and utilising biometric data offers many advantages and is becoming more popular even away from high-security areas. Shuttle is now unveiling a new solution for face recognition which concurrently combines further security features such as fingerprints and NFC technology. Without any need to carry keys or access cards, it is possible to use these solutions, following prior registration, to scan people's faces in order to grant them access to areas within buildings or register their presence (time recording). The devices are known for their short recognition time, high recognition rate, modular structure and quick set-up.

FEATURES

▶ Face recognition
▶ Fingerprint recognition
▶ Contactless NFC technology
▶ HD camera with infrared for better recognition in low light conditions

▶ Fanless and energy-saving operation
▶ 7-inch touch screen
▶ Speaker
▶ 2× Relay, network

▶ Optional: microphone, RS-232/RS-485 port, Wiegand I/O, Digital IN

FACE RECOGNITION

FINGERPRINT

NFC

SERVER BASED*

Shuttle   2016-04-30 11:30:58 Tue   BR06 Testing Machine 001

Welcome
Mary Smith

NETWORK

SERIAL PORTS

DIGITAL IN

WIEGAND

FANLESS   OPERATION   TOUCHSCREEN   VESA MOUNT   ANDROID   NO USER LIMITATION*

MULTI-FACTOR AUTHENTICATION

Individual or multiple security features can be requested, for example to check the authorisation multiple times and thus further increase the level of security, or to offer alternatives (e.g. if the NFC card is lost).

EASY OPERATION

Entries are made intuitively via a 7-inch, capacitive touchscreen and do not require any input devices or external control panel.

STAND-ALONE OR NETWORK-BASED

Available as a simple stand-alone solution BR06S or as a comprehensive client/server version BR06E with multiple terminals and central data management.

| # BR06S	# BR06E
Stand-alone solution for access protection via biometric features	Network-based biometric solution with central data storage
▶ **Local access protection**	▶ **Access protection across different sites**
▶ **Access restriction for individual rooms, for example archive or storeroom**	▶ **A central database controls the access to multiple rooms, levels or buildings at the same time – also across site boundaries via internet**
▶ **Access control and logging without any staff costs**	▶ **Actuators controlled via relays (for example for electric door locks or optical/acoustic signals)**

Model	BR06S	BR06E
Server required?	✗	Yes, up to 180 BR06 units per server are supported. A dongle for fingerprint recognition must be connected to the server.
User Management	On device	On server*
User Registration	Up to 3000 users	No user limitation
Offline Support	✓ (Full functionality)	✓ (NFC only)
System Integration Service	✗	Integration into an existing infrastructure, individual adjustments to the control flow
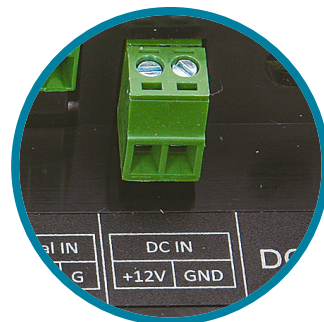
THE HARDWARE

Practical ports (RS-232, RS-485, 2× Relay, Digital IN, Wiegand I/O, Ethernet) make it possible to control actuators (e.g. relays, door openers) and acoustic and optical detectors. This means that the BR06 models can easily be integrated into existing installations after OEM adjustment.
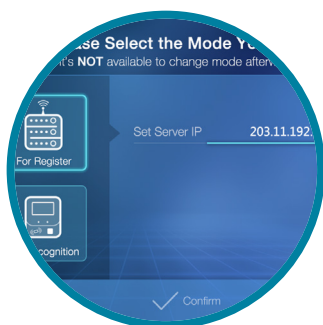
THE SOFTWARE

An intuitive touchscreen user interface allows easy administration and user operation without any complicated training. Individual adaptations by Shuttle are possible on request.
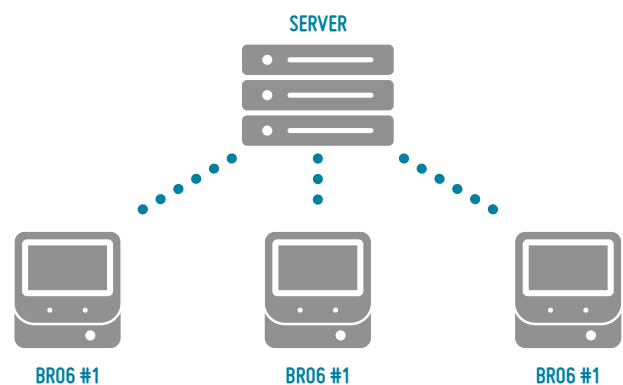
MANAGE MULTIPLE BR06 TERMINALS SIMULTANEOUSLY

Do you require biometric access protection at more than one site and want data reconciliation at the same time? The BR06E model operate in a server/client environment and can be controlled and administered with the browser-based management interface. Up to 180 BR06 terminals can be operated in this way, spread across different security areas, levels and even buildings. Ideal for large company sites which are physically a long way apart. A central server holds, stored in a database, the access profiles for the users to be requested at the individual terminals.

UP TO 180 TERMINALS PER SERVER

Administration of thousands of user profiles at one central location

▶ An open-source Linux operating system (CentOS) serves as the basis

▶ Powerful desktop PCs or conventional server hardware can be used (from Intel Core i7, 32 GB of RAM, 1 TB HDD)

▶ Browser-based management interface can be used with each device (e.g. tablet or desktop PC)

▶ User database can be enabled for use on other servers

SERVER

BR06 #1   BR06 #1   BR06 #1

TECHNICAL SPECIFICATIONS

Model	BR06S	BR06E
Chassis	Slim plastic chassis, black, optional wall mount kit (PV06)	
Dimensions and Weight	30 × 210 × 230 mm (LWH), NW: 0.7 kg / GW: 1 kg	
Operating System	Android 6.0	
Processor	RockChip RK3368	
Memory	DDR3L 2 GB	
Internal Storage	eMMC 32 GB	
Panel	7" 16:9 single touch panel	
Audio	Realtek ALC5640-VB	
Webcam	1× HD RGB camera, 1× HD IR camera	
Network	Realtek RTL8211F-CG, 10/100/1000 Mbit/s	
Front Panel	7" 16:9 touch panel, 1× HD RGB camera, 1× HD IR camera, 2× IR LED, power LED indicator, microphone, 2 W mono speaker, contactless card reader, fingerprint scanner	
Back Panel	1× USB 2.0, 1× RJ45 Ethernet, Phoenix contact 2-pin power 12 V, Phoenix contact (total 18 pins), 1× RS-232 (3 wires),1× RS-485 with isolation (2 wires), 2× form A contact relay output (max. 2A@24 V DC/120 V AC) (4-pin), 2× Dry/5~12 V DC digital in (3-pin), anti-drop DC input for power supply, VESA mount (100 × 100 mm), optional wall mount (PV06)	
Power	12V/24 W power adapter, input: 100–240 V AC, Phoenix contact 2-pin power 12 V	
User Registration	Up to 3000 users	No user limitation

Fingerprint Recognition	Optical fingerprint verification and identification	
Face Recognition	**Detection Height/Range**	Detection radius 140 cm (distance 40 cm)
	Recognition Speed	1sec if 1st time recognition passed
	Recognition Rate	FAR ≤ 0.01 %, FRR ≤ 1 %
	Face Angle	Two axis ± 15 degrees
	Standards	ISO/IEC19794 – 5:2005
Wireless Reader and Sensors	Supports Mifare RFID/NFC contactless card	
Multi-Recognition	Face, NFC + Face, NFC + Fingerprint, NFC + Face + Fingerprint	
Access Control	Dry contact output, normal open	
Management	On device	Based on server-system information / system setting / user management / log
Services	**Software Customisation**	Customised boot up logo, custom recognition pass sound, custom GUI background logo, custom welcome message
	System Integration	— Integration into an existing infrastructure, individual adjustments to the control flow
	Additional Hardware	The following connections are available: 1× RS-232 (3 wires), 1× RS-485 with isolation (2 wires), 2× Dry / 5~12 V DC digital in (3-pin), 1× Wiegand input, 1× Wiegand output

OPTIONALLY AVAILABLE ACCESSORIES

Wall Mount Kit (PV06)

External Power Supply Unit

CONTACT DETAILS