record

record R 62 - Service Display

User manual

Your global partner for entrance solutions

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List of changes

Change	Location
Complete revision of all Sections and content	Entire document
New Section structure	Entire document
Revision of all graphics	Entire document

1   Safety

1.1   Presentation of warning signs

Various symbols are used in this guide for easier understanding:

NOTICE

Useful advice and information to ensure correct and efficient workflow of the system.

IMPORTANT

Specific details which are essential for trouble-free operation of the system.

IMPORTANT

Important details which must be read for proper function of the system.

CAUTION

Against a potential hazardous situation that can lead to minor personal injury and property damage.

WARNING

Against a latent hazardous situation that can lead to severe injuries or death and cause substantial property damage.

DANGER

Against an imminent hazardous situation that can lead to severe injury or death.

DANGER

Against an imminent or latent hazardous situation that could lead to electric shock and cause serious injury or death.

1.2   Intended purpose of use

The system is designed exclusively for use as a pedestrian passage. The installation must only occur in dry areas. If there are deviations then proper waterproofing and water drains will be required on-site.

Any other application or use beyond this purpose is not considered to be an intended purpose. The manufacturer bears no liability for any resulting damage; the operator alone shall bear the associated risk.

The intended purpose also includes observation of the operating conditions specified by the manufacturer, in addition to regular care, maintenance and repair.

Interventions in or alterations to the installation performed by non-authorized maintenance technicians exclude the manufacturer's liability for consequential damages.

1.3   General hazards

The following section lists hazards that can be caused by the system even when used as intended.

To reduce the risk of malfunction, damage to property or injury to persons and to avoid dangerous situations, the safety instructions listed here must be observed.

The specific safety instructions in the other sections of this manual must also be observed.

IMPORTANT

The country-specific regulations must be observed and complied with!

IMPORTANT

To avoid malfunctions, moving objects such as flags or parts of plants must not be allowed to enter the detection range of the sensors.

CAUTION

Risk of malfunctions, material damage or injury due to improper settings!

a) Improper settings can lead to malfunctions, material damage or personal injury.

⇨ Do not disconnect the system from the power supply overnight.

⇨ Settings should only be made by personnel qualified to do so.

⇨ Do not disassemble, put out of operation or manipulate safety devices.

⇨ Have faults rectified by specialist personnel or by personnel qualified to do so.

⇨ Have service and maintenance carried out according to locally applicable regulations or according to a maintenance contract.

CAUTION

Risk of malfunctions, material damage or injuries due to insufficient or missing cleaning or care!

a) Insufficient or inattentive cleaning or care of the system can lead to malfunctions, damage to property or injury to persons.

⇨ Check the sensors regularly for dirt and clean them if necessary.

⇨ Regularly remove dirt accumulations in the floor rail or under the floor mat.

⇨ Keep the system free from snow and ice.

⇨ Do not use aggressive or caustic cleaning agents.

⇨ Use road salt or loose chippings only conditionally.

⇨ Lay the floor mat without folds and flush with the floor.

⇨ Equipment required for cleaning purposes such as ladders or similar must not be leaned on or attached to the system.

CAUTION

Risk of material damage or injury due to unforeseen opening, closing or turning of the door!

a) The door can open, close or turn unexpectedly. This may result in damage to property or injury to persons.

⇨ No persons may be present in the opening area of the system.

⇨ Ensure that moving objects such as flags or parts of plants do not enter the detection range of the sensors.

⇨ Do not make any settings on the control unit when the system is in use.

⇨ Have faults rectified immediately by specialist or personnel qualified to do so.

⇨ Remove objects from the opening area.

⇨ Do not disassemble, put out of operation or manipulate safety devices.

⇨ Do not rush through a closing system.

CAUTION

Risk of bruising and severing of limbs!

a) If the system moves, careless behaviour can lead to serious injuries to limbs or severance of limbs.

⇨ Do not reach in when parts of the system are moving.

⇨ Keep a distance when parts of the system move.

⇨ Do not bump into or touch the system when it is moving.

⇨ Do not open or remove protective covers during operation.

⇨ Do not permanently remove covers from the system.

⇨ Only carry out inspection, service, maintenance and cleaning when the system is stationary and switched off.

CAUTION

Danger of material damage or injury due to non-functioning safety devices!

a) If safety devices are not functioning, manipulated or put out of operation, there is a risk of damage to property or injuries that can lead to death.

⇨ Never disable or manipulate safety devices.

⇨ Have inspection, service and maintenance of the safety devices carried out according to local regulations or according to a maintenance contract.

CAUTION

Danger of malfunctions, damage to property or risk of injury if used by unauthorised persons!

a) If unauthorised persons use the system, there is a risk of malfunction, damage to property or injury to persons.

⇨ Children under 8 years of age may only use the system under supervision.

⇨ Children must not play, clean or maintain the system.

⇨ Persons with limited physical, sensory or mental abilities as well as persons with insufficient knowledge or experience may only use the system under supervision or must have received and understood instructions to do so.

DANGER

Danger to life due to electric current!

a) In case of contact with live parts, there is an immediate danger to life due to electric shock. Damage to or removal of the insulation or individual components can be life-threatening.

⇨ Before starting work on active parts of electrical systems and equipment, ensure that all poles are voltage free and that this is maintained for the duration of the work.

⇨ Keep moisture away from live parts. This can lead to a short circuit.

⇨ Never bridge fuses or put them out of operation.

⇨ Do not connect the power supply until all work has been completed.

⇨ Have work on the electrical system performed by qualified personnel only.

DANGER

Danger to life due to non-functioning safety devices of the fire protection system!

a) If safety devices of the fire protection system do not function properly, there is a risk of serious or fatal injuries.

⇨ Never disconnect the fire protection system from the power supply overnight.

⇨ Do not disassemble, put out of operation or manipulate safety devices.

⇨ Do not remove safety instructions on the system.

⇨ Never block, hold open or otherwise prevent fire doors from closing.

⇨ Have inspection, service and maintenance of the fire protection system carried out in accordance with locally applicable regulations or according to a maintenance contract.

⇨ Have the fire protection system checked and maintained according to the state of the art.

1.4　State of technology

This system was developed using state of the art technology and officially recognized technical safety regulations. The system, depending on its options and diameter, comply with the requirements of the Machine Guidelines 2006/42/EG as well as EN 16005 and DIN 18650 (D).

Nevertheless, danger may arise if not used as intended.

IMPORTANT

Installation, commissioning, inspection, maintenance and repair work may only be conducted by qualified, trained and authorized technicians.
After commissioning or repair work, fill in the check list and give it to the customer for safe keeping.
We recommend obtaining a service agreement.

1.5　Personal protective equipment

Personal protective equipment is used to protect persons from adverse effects on health. Personnel must wear personal protective equipment during the various work activities on and with the system.

Personal protective equipment is explained below:

Hearing protection is used to protect the hearing from noise. As a rule of thumb, hearing protection is compulsory from when normal conversation with other people is no longer possible.

The head protection serves to protect against falling and flying parts and materials. It also protects the head from bumping into hard objects.

Protective goggles protect the eyes from flying parts, dust, splinters or splashes.

Protective gloves are designed to protect hands from friction, abrasions, punctures or serious injury and from burning caused by contacting hot surfaces.

Safety shoes protect the feet from crushing, falling parts and slipping on surfaces. The puncture resistance of the shoes ensures, that pointy objects do not penetrate the foot.

The high-visibility vest is used to make the personnel stand out and therefore to be seen. With improved visibility and attention, the high-visibility vest protects personnel in busy work areas from collisions with vehicles.

Depending on the place of work and the working environment, the protective equipment varies and must be adapted accordingly. In addition to protective equipment for specific work, the work site may require other protective equipment (for example a harness).

In hygiene-protected areas, special or additional requirements of personal protective equipment may be required. These requirements must be considered when choosing personal protective equipment. If there is any uncertainty regarding the choice of personal protective equipment, the safety officer must be consulted at the place of work.

1.6 Spare parts and liability

Reliable and trouble free operation of the door is only guaranteed when using parts that were recommended by the manufacturer. The manufacturer declines any liability for damages resulting from unauthorized modifications to the door or the use of parts that are not permitted.

2 General information

2.1 Purpose and use of the instructions

These instructions are an integral part of the system and enable efficient and safe handling of the system. In order to ensure proper functioning, the instructions must be accessible at all times and kept in the immediate area of the system.

Although only the male form has been chosen for reasons of better legibility, the information refers to members of both sexes.

The operator must have read and understood the manual before starting any work. The basic requirement for safe working is to follow the safety instructions and the handling instructions. In addition, the local regulations and safety rules apply.

The manual can be handed over in extracts to instructed personnel who are familiar with the operation of the system.

The illustrations are for basic understanding and may differ from the actual presentation. Specific representations are contained in the drawings.

2.2 Copyright

The copyright of the instructions remain at:

BLASI GmbH

Carl-Benz-Str. 5-15

D – 77972 Mahlberg

It is prohibited to reproduce, distribute or use the manuals for purpose of competition without the written authorization of BLASI GmbH.

Violation of the here stated copyrights will be prosecuted and fined with compensation of damage.

Subject can change without prior notice.

Differences between product and manual are thereby possible.

2.3 Product identification

The nameplate located on the door provides accurate identification of the product.

2.4 Manufacturer BLASI GmbH

BLASI GmbH Automatic Door Systems

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Germany

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2.5 Target groups

> **CAUTION**
>
> **Risk of injury if personnel are insufficiently qualified!**
>
> If unqualified personnel work on the system or are in the danger zone of the system, dangers may arise which can cause serious injuries and considerable damage to property.
>
> a) All work must be carried out by qualified personnel only.
>
> b) Keep unqualified personnel away from danger areas.

This operating manual is intended for the target groups listed below:

– Operating entity of the system:
 the person who is responsible for the technical maintenance of this system

– Operator of the system:
 the person who operates the system every day and has been suitably instructed
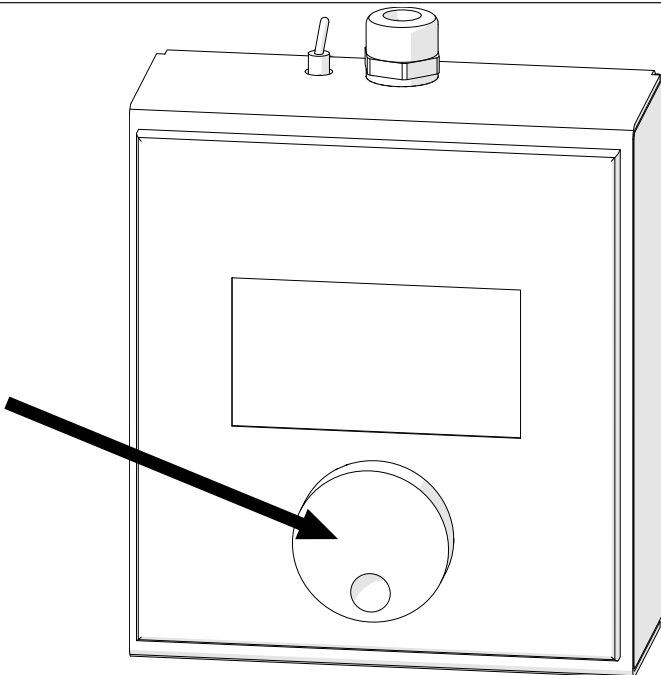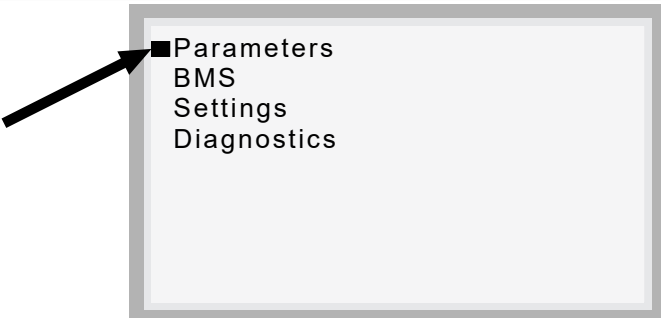
2.6   Definition of terms

| Term:	Explanation:
System	The term is also used in these instructions as a synonym for the product. Door operators, revolving doors, sliding doors, etc. are referred to as a system.
	If information in these instructions refers to a specific type, this is shown accordingly in the text.
User	Users are all persons who use the system.
System operator	The respective owner is referred to as the system operator, regardless of whether they operate the system as the owner or pass it on to third parties.
Authorized representative	The authorized representative takes over certain parts of the manufacturer's obligations with regard to fulfilling the requirements of the Machinery Directive. In particular, the authorized representative may also place the system on the market and/or sign EC declarations of incorporation.
Qualified personnel	Qualified personnel are authorized and appropriately trained to perform the following work:
	– Disassembly, Assembly, Commissioning, Operation, Audit, Maintenance, Troubleshooting, Decommissioning
	The qualified personnel have several years of professional experience in the technical field, e.g. as mechanics or machine fitters.
	The qualified personnel are aware of the residual risks arising from the installation site and, due to their professional training, knowledge and experience, are able to carry out the work assigned to them and to independently identify and avoid possible danger points.
Manufacturer	The manufacturer is whoever designs and/or builds machinery or incomplete machinery under the scope of the Machinery Directive.
Life phases	All phases of the system's condition and use are referred to as life phases. This applies from the time the system leaves the factory until it is disposed of.
Personnel	All persons who carry out activities on and with the system are referred to as personnel. Personnel can be, for example, the operator, the cleaning staff, or the security staff. The personnel meet the personnel qualifications required by the manufacturer.
Service technician	Experts and specialists or representative authorized by the manufacturer to perform commissioning, maintenance and servicing.

3   Description

3.1   General presentation

The individual parameters and adjustable timer values shown individually on the service display. Access to the menus is via the blue rotary switch on the front of the Service Display as shown below.

– Scroll through the menu by turning the Rotary encoder.

– Confirm your selection by briefly pressing the rotary switch.

– Press and hold the Rotary encoder to return to the previous menu.


```
■Parameters
 BMS
 Settings
 Diagnostics
```

The cursor indicates the current position in the menu.

– Turn the Rotary encoder to scroll through the menu.

4   Installation

4.1   Connecting the Service Display

IMPORTANT

Please ensure that the "ON / OFF" switch is in the OFF position before connecting and/or dis-connecting the Service Display.

CAUTION

If the display is on (switch in the ON position) while being connected / disconnected

a) this can lead to destruction of the control interface.

⇨ Place switch in the OFF position.

	– Connect the Service Display to one of the sockets in the door or in the optional socket on the inside column (secure side).
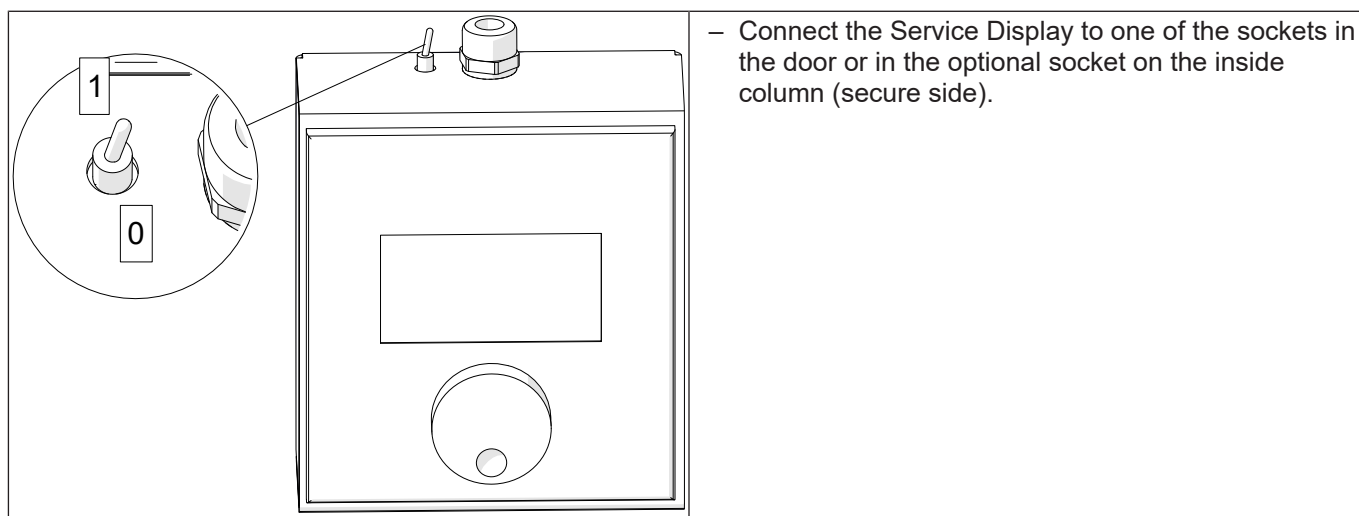
4.2   Connection to the column on the entrance door entrance side

	– Remove the protective cap and plug the Service Display into the 9-pin socket.
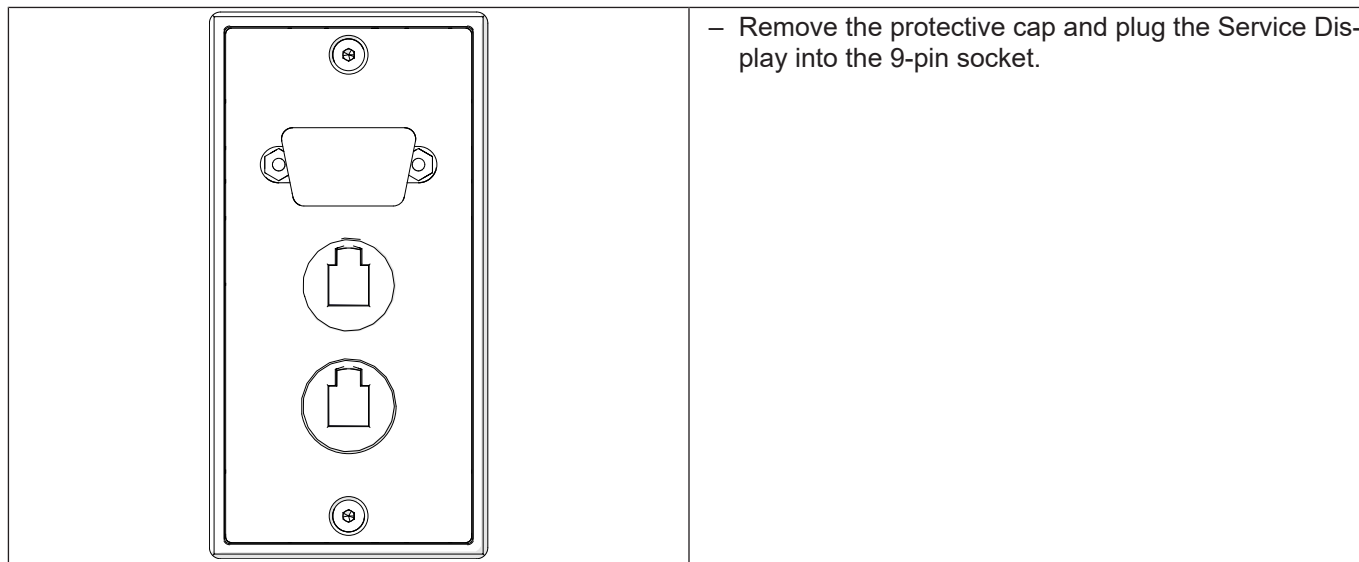
5   Commissioning

See also:

5.1   Commissioning the Service Display

NOTICE

Before using the record Service Display, it has to be configured in order to communicate with the PLC (Programmable Logic Control).

Accessing the "SETUP" menu on the screen:
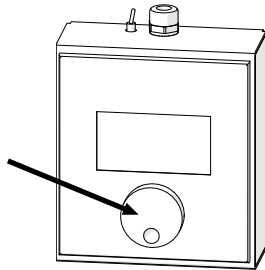
	– Connect the plug while keeping the rotary dial pressed.

Setting the communication speed:

Setup → Show Information → Set Contrast ➡ Set Baudrate → Set Serial Mode → Back To Defaults → Quit Setup	– Scroll down to "Set Baudrate" and confirm.
Baudrate → 19200 Baud ➡◻ 9600 Baud → 4800 Baud → 2400 Baud → 1200 Baud	– Set to "9600" and confirm. – Return to the previous menu.

Selecting the communication mode:

Setup ➡ Show Information → Set Contrast → Set Baudrate → Set Serial Mode → Back To Defaults → Quit Setup	– Select "Set Serial Mode" and confirm.
Serial Mode → RS232 RTS/CTS → RS232 None → RS422/232 XonXoff → RS422/232 XonXoffR ➡◻RS485 FTP → RS422 FTP (MD)	– Select "RS485 FTP" and confirm.

Choice of address:

Address 0<u>1</u> ↻ ↺ Change ⤓ Enter	– "01" to add local address and confirm.
Address 0<u>2</u> ↻ ↺ Change ⤓ Enter	– "02" to add technician's info and confirm.

Change the address screen:

Serial Mode → RS232 RTS/CTS → RS232 None → RS422/232 XonXoff → RS422/232 XonXoffR →⤓ RS485 FTP → RS422 FTP (MD)	– Return to the communication mode".
Setup → Show Information → Set Contrast → Set Baurate ➡ Set Serial Mode → Back To Defaults → Quit Setup	– Exit "Serial Mode" menu.
Setup → Show Information → Set Contrast → Set Baurate → Set Serial Mode → Back To Defaults ➡ Quit Setup	– And exit the "Setup" menu.

5.2   Enter the access code

	NOTICE
☞	**Access to the menu is protected by a code that restricts modification of the parameter settings to qualified and authorized personnel only.** **No code is required to view the settings. Simply confirm to proceed to the next menu.** **Contact your record partner to obtain your access code.**

R62 SECUTEC Parameter					≥ V0.13.0
Parameters					
↳ Customer	**factory settings**			**Description**	
↳ Customer			0	parameter to select special customer functions: 0 = Standard, 1 = Toronto	
↳ Sensor					
↳ PSensortype			2	parameter to select the Senssor type: 0 = no Sensor, 1 = contact mats, 2 = IEE 3D - Tailgating sensor, 3 = extern decision	
↳ Operating Modes					
↳ Locked Mode					
↳ PDetection		**OFF**	ON	Protection against confinement in the LOCKED operating mode. ON: detection in the "portal" reopens the last opened door. OFF: doors close and lock (danger of confinement).	
↳ Sluice Mode					
↳ TPubOpenDelay	5		(ds)	set delay time to open the door "public side" in sluice mode	
↳ TSecOpenDelay	5		(ds)	set delay time to open the door "secure side" in sluice mode	
↳ TLedInterval	5		(ds)	set time traffic lights interval in sluice mode	
↳ TPubWaitIN	40		(ds)	time waiting for a person to go into the sluice from the public side, before door closes again	
↳ TSecWaitIN	40		(ds)	time waiting for a person to go into the sluice from the secure side, before door closes again	
↳ TDelayIdle	10		(ds)	delay time to check if door is empty	
↳ TTimeDecision	10		(sec)	timeout waiting for verification (this could be an external decision, finger print, contact mats, Sensor, etc.)	
↳ Maintenance Mode					
↳ PArea	**PUB** (public)		SEC (secure)	selection from which side maintenance can be done	
↳ TLedIntervall	10		(ds)	set time for traffic lights blinking interval during maintenance mode	
↳ Override		**OFF**	ON	set maintenance mode via service display (in any operating mode)	
↳ Cleaning Mode					
↳ TDuration	10		(min.)	time how long the cleaning mode can be performed	
↳ TWarningExit	50		(ds)	warning signal (buzzer or optional voice message) to leave the door because time for cleaning mode elapsed	
↳ Panic Mode					
↳ TPubOpenDelay	5		(ds)	door hold open time "public side" in panic mode	
↳ TSecOpenDelay	5		(ds)	door hold open time "secure side" in panic mode	
↳ Traffic Lights					
↳ PTrafficLEDIdle		**gn** (green)	red	color of traffic lights when the security portal is empty	
↳ Emergency Closing					
↳ PExitWay		**PUB** (public)	SEC (secure)	Selection which door will open as exit way when the emergency button is pressed. First the opposite door will be closed to be secure.	
↳ Door Locking					
↳ safety locking		**OFF**	ON	Locking function that always locks the opposite door when one door isn't closed	
↳ Alarming					
↳ General					
↳ PAutoReset		OFF	**ON**	selection to switch automatic reset "on" or "off" when alarm disappeared	
↳ TTechAlarmDelay	30		(sec)	delay time to activate alarming in case of an technical alarm	
↳ TLedIntervall	1		(ds)	set time for traffic lights blinking interval during alarm	
↳ TMatAlarmDelay	60		(sec)	delay time if there is an Alarm from the door drives or a sensor faulty	
↳ PEntranceFlash		0	0 … 4	The entrance flashs indicate type of alarms. 0 = all alarms; 1 = intrusion; 2 = Tailgating; 3 = technical alarm; 4 = sabotage	
↳ TPubOpenDelayTech	5		(ds)	door hold open time public door in case of technical alarm	
↳ TSecOpenDelayTech	5		(ds)	door hold open time secure door in case of technical alarm	
↳ Buzzer					
↳ TTechAlarm	10		(min.)	time between repeating signaling with the buzzer when technical alarm is still present	
↳ TOnTime	5		(ds)	time while the buzzer is on	
↳ Public Door					
↳ TWrongPos	30		(sec)	delay time alarming public door does not open or close	
↳ TNotOpNotCl	10		(sec)	delay time alarming while public door is between open and closed position	
↳ TForcedOpen	10		(ds)	delay time for alarming when the public door was closed and has no longer an open command of the PLC	
↳ Secure Door					
↳ TWrongPos	30		(sec)	delay time alarming secure door does not open or close	
↳ TNotOpNotCl	10		(sec)	delay time alarming while secure door is between open and closed position	
↳ TForcedOpen	10		(ds)	delay time for alarming when the secure door was closed and has no longer an open command of the PLC	

R62 SECUTEC Parameter						≥ V0.13.0

╚► Light						
╚► PPowerSave			OFF		ON	power safe mode activated (ON) or deactivated (OFF)
╚► TPowerSave			30		(min.)	delay time before light is switched off when door is not used
╚► TOffDelay			20		(ds)	delay time to switch off the lights (when changing the operating modes)

╚► Voice Output						
╚► PEnableMsg1			OFF		ON	enable / disable the voice message 1
╚► PEnableMsg2			OFF		ON	enable / disable the voice message 2
╚► PEnableMsg3			OFF		ON	enable / disable the voice message 3
╚► PEnableMsg4			OFF		ON	enable / disable the voice message 4
╚► PEnableMsg5			OFF		ON	enable / disable the voice message 5
╚► PEnableMsg6			OFF		ON	enable / disable the voice message 6
╚► PEnableMsg7			OFF		ON	enable / disable the voice message 7
╚► PEnableMsg8			OFF		ON	enable / disable the voice message 8
╚► PEnableMsg9			OFF		ON	enable / disable the voice message 9
╚► PEnableMsg10			OFF		ON	enable / disable the voice message 10
╚► PEnableMsg11			OFF		ON	enable / disable the voice message 11
╚► PEnableMsg12			OFF		ON	enable / disable the voice message 12
╚► PEnableMsg13			OFF		ON	enable / disable the voice message 13
╚► PEnableMsg14			OFF		ON	enable / disable the voice message 14
╚► PEnableMsg15			OFF		ON	enable / disable the voice message 15
╚► TBetweenMsg			3		(min.)	delay time to repeat the voice message when the same function/message is still triggered

╚► Inputs						
╚► AUX01_IN			0		0 … 3	0 = no function;
╚► AUX02_IN			0		0 … 3	1 = maintenance mode;
╚► AUX11_IN			0		0 … 3	2 = cleaning mode from secure side;
╚► AUX12_IN			0		0 … 3	3 = cleaning mode from public side;
╚► AUX21_IN			0		0 … 3	4 = tailgating sensor off (permanently deactivated)
╚► AUX22_IN			0		0 … 3	

╚► Outputs						
╚► AUX11_OUT			0		0 … 2	
╚► AUX12_OUT			0		0 … 2	0 = no function;
╚► AUX21_OUT			0		0 … 2	1 = person passed way in;
╚► AUX22_OUT			0		0 … 2	2 = person passed way out;
╚► AUX23_OUT			0		0 … 2	

BMS

╚► BMS Invert Logic						
╚► BMS1						
╚► PLogicRL1			norm		inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive
╚► PLogicRL2			norm		inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive
╚► PLogicRL3			norm		inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive
╚► PLogicRL4			norm		inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive
╚► PLogicRL5			norm		inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive
╚► PLogicRL6			norm		inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive
╚► PLogicRL7			norm		inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive
╚► PLockedClosedRL7			lock		clos	output function of the relay contact **lock**: status message door is locked; clos: status message door is closed
╚► PLogicRL8			norm		inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive
╚► PLockedClosedRL8			lock		clos	output function of the relay contact **lock**: status message door is locked; clos: status message door is closed

R62 SECUTEC Parameter						≥ V0.13.0
↳ BMS2						
↳ PLogicRL1			**norm**	inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive	
↳ PLogicRL2			**norm**	inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive	
↳ PLogicRL3			**norm**	inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive	
↳ PLogicRL4			**norm**	inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive	
↳ PLogicRL5			**norm**	inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive	
↳ PLogicRL6			**norm**	inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive	
↳ PLogicRL7			**norm**	inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive	
↳ PLogicRL8			**norm**	inv	output logic of the relay contact **norm**: enabled when message is active; inv: enabled when message is inactive	

Settings

↳ date and time					
↳ GetTimeDate		**OFF**	ON	read time from the PLC	
↳ Set TimeDate		**OFF**	ON	write time to the PLC	
↳ Hour		0 .. 23	*(Integer)*	value for hours	
↳ Minute		0 .. 59	*(Integer)*	value for minutes	
↳ Day		1 .. 31	*(Integer)*	value for day	
↳ Month		1 .. 12	*(Integer)*	value for month	
↳ Year		2015 ... 2099	*(Integer)*	value for year	
↳ TCP/IP					
↳ Get settings		**OFF**	ON	read TCP/IP settings from the plc	
↳ Set Settings		**OFF**	ON	write TCP/IP settings to the plc	
↳ IP0		10	*(Integer)*	IP-Address byte 0	
↳ IP1		17	*(Integer)*	IP-Address byte 1	
↳ IP2		15	*(Integer)*	IP-Address byte 2	
↳ IP3		30	*(Integer)*	IP-Address byte 3	
↳ Subnet0		255	*(Integer)*	Subnet Mask byte 0	
↳ Subnet1		255	*(Integer)*	Subnet Mask byte 1	
↳ Subnet2		255	*(Integer)*	Subnet Mask byte 2	
↳ Subnet3		0	*(Integer)*	Subnet Mask byte 3	
↳ Gateway0		0	*(Integer)*	Gateway byte 0	
↳ Gateway1		0	*(Integer)*	Gateway byte 1	
↳ Gateway2		0	*(Integer)*	Gateway byte 2	
↳ Gateway3		0	*(Integer)*	Gateway byte 3	

Diagnostics

↳ Inputs 0..15					
↳ Door SecClosed		OFF	ON	*(read only)*	secure door closed
↳ Door SecOpen		OFF	ON	*(read only)*	secure door open
↳ DoorSecLocked		OFF	ON	*(read only)*	secure door locked
↳ DoorPubClosed		OFF	ON	*(read only)*	public door closed
↳ DoorPubOpen		OFF	ON	*(read only)*	public door open
↳ DoorPubLocked		OFF	ON	*(read only)*	public door locked
↳ DcPowerOk		OFF	ON	*(read only)*	monitoring power supply (DC power ok)
↳ EmergClosing		OFF	ON	*(read only)*	contact emergency closing
↳ TotalOpening		OFF	ON	*(read only)*	contact total opening
↳ PanicButton		OFF	ON	*(read only)*	contact panic button
↳ AlarmStgSec		OFF	ON	*(read only)*	alarm door drive secure side
↳ AalrmStgPub		OFF	ON	*(read only)*	alarm door drive public side
↳ AUX01_IN		OFF	ON	*(read only)*	programmable input AUX01_IN
↳ AUX02_IN		OFF	ON	*(read only)*	programmable input AUX02_IN
↳ AUX11_IN		OFF	ON	*(read only)*	programmable input AUX11_IN
↳ AUX21_IN		OFF	ON	*(read only)*	programmable input AUX21_IN

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↳▶ Inputs 16..31

↳▶ BdeS1				OFF		ON	*(read only)*	BDE-S contact 1
↳▶ BdeS2				OFF		ON	*(read only)*	BDE-S contact 2
↳▶ BdeS3				OFF		ON	*(read only)*	BDE-S contact 3
↳▶ AUX12_IN				OFF		ON	*(read only)*	programmable input AUX12_IN
↳▶ SwDoorPubOut				OFF		ON	*(read only)*	contact public door outside (push button, code card reader, etc.)
↳▶ SwDoorPubIn				OFF		ON	*(read only)*	contact public door inside (finger print, code card reader, etc.)
↳▶ SwDoorSecOut				OFF		ON	*(read only)*	contact secure door outside (push button, code card reader, etc.)
↳▶ SwDoorSecIn				OFF		ON	*(read only)*	contact secure door inside (finger print, code card reader, etc.)
↳▶ SuperUserSec				OFF		ON	*(read only)*	contact for temporary deactivation of the sensor (contact mat, tailgating, etc.) to pass through from secure side to public side
↳▶ SuperUserPub				OFF		ON	*(read only)*	contact for temporary deactivation of the sensor (contact mat, tailgating, etc.) to pass through from public side to secure side
↳▶ SensorC1				OFF		ON	*(read only)*	contact status sensor "room empty"
↳▶ SensorC2				OFF		ON	*(read only)*	contact status sensor "decision YES"
↳▶ SensorC3				OFF		ON	*(read only)*	contact status sensor "decision NO"
↳▶ SwTraps				OFF		ON	*(read only)*	service flap is open
↳▶ Voice1Busy				OFF		ON	*(read only)*	output of the voice card when busy
↳▶ AUX22_IN				OFF		ON	*(read only)*	programmable input AUX22_IN

↳▶ Outputs 32..47

↳▶ StgSecSurV				OFF		ON	*(read only)*	command lock secure door
↳▶ StgSecSSK				OFF		ON	*(read only)*	command open secure door
↳▶ StgPubSurV				OFF		ON	*(read only)*	command lock public door
↳▶ StgPubSSK				OFF		ON	*(read only)*	command open public door
↳▶ Light				OFF		ON	*(read only)*	lighting
↳▶ Buzzer				OFF		ON	*(read only)*	buzzer
↳▶ RedSecOut				OFF		ON	*(read only)*	red traffic light secure door outside
↳▶ GreenSecOut				OFF		ON	*(read only)*	green traffic light secure door outside
↳▶ RedPubOut				OFF		ON	*(read only)*	red traffic light public door outside
↳▶ GreenPubOut				OFF		ON	*(read only)*	green traffic light public door outside
↳▶ RedSecIn				OFF		ON	*(read only)*	red traffic light secure door inside
↳▶ GreenSecIn				OFF		ON	*(read only)*	green traffic light secure door inside
↳▶ RedPubIn				OFF		ON	*(read only)*	red traffic light public door inside
↳▶ GreenPubIn				OFF		ON	*(read only)*	green traffic light public door inside
↳▶ AUX11_OUT				OFF		ON	*(read only)*	programmable output AUX11_OUT
↳▶ AUX21_OUT				OFF		ON	*(read only)*	programmable output AUX21_OUT

↳▶ Outputs 48..63

↳▶ Voice1In1				OFF		ON	*(read only)*	
↳▶ Voice1In2				OFF		ON	*(read only)*	Outputs for voice card. Messages are selected by the binary code of the 4 output signals
↳▶ Voice1In3				OFF		ON	*(read only)*	
↳▶ Voice1In4				OFF		ON	*(read only)*	
↳▶ Voice1Start				OFF		ON	*(read only)*	start signal for the selected voice message
↳▶ AUX22_OUT				OFF		ON	*(read only)*	programmable output AUX22_OUT
↳▶ AUX23_OUT				OFF		ON	*(read only)*	programmable output AUX23_OUT
↳▶ AUX12_OUT				OFF		ON	*(read only)*	programmable output AUX12_OUT
↳▶ Flash				OFF		ON	*(read only)*	flashing lights outside the door
↳▶ ReserveOut1				OFF		ON	*(read only)*	not used
↳▶ ReserveOut2				OFF		ON	*(read only)*	not used
↳▶ ReserveOut3				OFF		ON	*(read only)*	not used
↳▶ ReserveOut4				OFF		ON	*(read only)*	not used
↳▶ ReserveOut5				OFF		ON	*(read only)*	not used
↳▶ ReserveOut6				OFF		ON	*(read only)*	not used
↳▶ ReserveOut7				OFF		ON	*(read only)*	not used

R62 SECUTEC Parameter						≥ V0.13.0
↳▶ Outputs 64..79						
↳▶ BMS1.RL8			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS1.RL7			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS1.RL6			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS1.RL5			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS1.RL4			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS1.RL3			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS1.RL2			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS1.RL1			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS2.RL8			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS2.RL7			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS2.RL6			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS2.RL5			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS2.RL4			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS2.RL3			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS2.RL2			OFF	ON	*(read only)*	status BMS relay
↳▶ BMS2.RL1			OFF	ON	*(read only)*	status BMS relay

5.4   Parameter display

Page layout	
`` Security   Portal   XXX

Version : X.XX.XX
Info   : OK !

Time   : XX:XX:XX
Date   : XX.XX.XX ``` | The following information is displayed:
– Current program details
– Software Version
– Information message (current operating mode, maintenance required, etc.)
– Date and time of the system |

5.5   Parameter overview

PARAMETERS		FACTORY SETTINGS	DESCRIPTION
→ **CUSTOMER**			
	→ Customer	0	Parameter to select special customer functions: **0** = Standard **1** = Toronto
→ **SENSOR**			
	→ PSensorType	2	Select the type of sensor: **0** = no sensor **1** = contact mat **2** = IEE 3D – Tailgaiting sensor **3** = external approval

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→ OPERATING MODES				
	→ LOCKED			
		→ PDetection	**OFF**	Protection against confinement in the LOCKED operating mode: **ON**: detection in the portal reopens the last opened door **OFF**: doors close and lock (danger of confinement)
	→ SLUICE MODE			
		→ TPubOpenDelay	**5** *(ds)*	Delay time to open the door "public side" in sluice mode
		→ TSecOpenDelay	**5** *(ds)*	Delay time to open the door "secure side" in sluice mode
		→ TLedInterval	**5** *(ds)*	Traffic lights interval in sluice mode
		→ TPubWaitIN	**40** *(ds)*	Time waiting for a person to go into the sluice from the public side before the door closes again
		→ TSecWaitIN	**40** *(ds)*	Time waiting for a person to go into the sluice form the secure side before the door closes again
		→ TDelayIdle	**10** *(ds)*	Delay time to check is door is empty
		→ TTimeDecision	**10** *(sec)*	Timeout waiting for verification (this could be an external selection, finger print, contact mat sensor etc.)
	→ MAINTENANCE			
		→ PArea	**PUB**	Select from which side maintenance can be done: **PUB** = public side **SEC** = secure side
		→ TLedIntervall	**10** *(ds)*	Traffic lights blinking interval during maintenance mode
		→ Override	**OFF**	Switch on maintenance mode via Service Display (in any operating mode)
	→ CLEANING			
		→ TDuration	**10** *(min.)*	Time allotted for cleaning mode
		→ TWarningExit	**50** *(ds)*	Warning signal (buzzer or optional voice message), to exit the door as the cleaning time has expired
	→ PANIC			
		→ TPubOpenDelay	**5** *(ds)*	Delay time to open the door "public side" in panic mode
		→ TSecOpenDelay	**5** *(ds)*	Delay time to open the door "secure side" in panic mode

→ TRAFFIC LIGHTS			
	→ PTrafficeLEDIdle	**gn** *(green)*	Color of traffic lights when the security portal is empty: **gn** = green **red** = red

→ LOCK-DOWN			
	→ PExitWay	**PUB**	Select which door will open as exit way when the lock-down button is pressed. First the opposite door will close for security reason. **PUB** = public side **SEC** = secure side

→ DOOR LOCKING			
	→ Safety locking	**OFF**	Locking function that always locks the opposite door when one door isn't closed.

→ **ALARMING**			
	→ General		
		→ PAutoReset	**ON**	Selection to switch automatic reset ON or OFF when alarm is no longer active
		→ TTechAlarmDelay	**30** *(sec)*	Delay time to active alarming in case of a technical alarm
		→ TLedIntervall	**1** *(ds)*	Traffic lights blinking interval during alarm
		→ TMatAlarmDelay	**60** *(sec)*	Delay time when alarm is from door drives or faulty sensor
		→ PEntranceFlash	**0**	Flashing light on the entrance indicates the type of alarm: **0** = all alarms **1** = intrusion **2** = tailgaiting **3** = technical alarm **4** = sabotage
		→ TPubOpenDelayTech	**5** *(ds)*	Delay time opening public door in case of technical alarm
		→ TSecOpenDelayTech	**5** *(ds)*	Delay time opening secure door in case of technical alarm
	→ Buzzer		
		→ TTechAlarm	**10** *(min.)*	Time between repeating signaling with the buzzer when technical alarm is still active
		→ TOnTime	**5** *(ds)*	Time the buzzer is on
	→ Public door		
		→TWrongPos	**30** *(sec)*	Delay time alarming public door does not open or close
		→ TNotOpNotCl	**10** *(sec)*	Delay time alarming while public door is between open and closed position
		→ TForcedOpen	**10** *(ds)*	Delay time for alarming when the public door is closed and is no longer sending an opening impulse to the PLC
	→ Secure door		
		→TwrongPos	**30** *(sec)*	Delay time alarming secure door does not open or close
		→ TNotOpNotCl	**10** *(sec)*	Delay time alarming while secure door is between open and closed position
		→ TForcedOpen	**10** *(ds)*	Delay time alarming when the secure door is closed and is no longer sending an opening impulse to the PLC

→ **LIGHT**			
	→ PPowerSave	**ON**	Power save mode activated ON or deactivated OFF
	→ TPowerSave	**30** *(min.)*	Delay time before light is switched off when door is not used
	→ TOffDelay	**20** *(ds)*	Delay time to switch off the lights (when changing the operating mode)

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→ VOICE OUTPUT			
→ PEnableMsg1	**ON**	enable / disable the voice message 1	
→ PEnableMsg2	**ON**	enable / disable the voice message 2	
→ PEnableMsg3	**ON**	enable / disable the voice message 3	
→ PEnableMsg4	**ON**	enable / disable the voice message 4	
→ PEnableMsg5	**ON**	enable / disable the voice message 5	
→ PEnableMsg6	**ON**	enable / disable the voice message 6	
→ PEnableMsg7	**ON**	enable / disable the voice message 7	
→ PEnableMsg8	**ON**	enable / disable the voice message 8	
→ PEnableMsg9	**ON**	enable / disable the voice message 9	
→ PEnableMsg10	**ON**	enable / disable the voice message 10	
→ PEnableMsg11	**ON**	enable / disable the voice message 11	
→ PEnableMsg12	**ON**	enable / disable the voice message 12	
→ PEnableMsg13	**ON**	enable / disable the voice message 13	
→ PEnableMsg14	**ON**	enable / disable the voice message 14	
→ PEnableMsg15	**ON**	enable / disable the voice message 15	
→ TBewtweenMsg	**3** *(min.)*	Delay time to repeat the voice message when the same function/message is still triggered	

→ INPUTS			
→ AUX01_IN	**0**	**0** = no function	
→ AUX02_IN	**0**	**1** = maintenance mode	
→ AUX11_IN	**0**	**2** = cleaning mode from secure side	
→ AUX12_IN	**0**	**3** = cleaning mode from public side	
→ AUX21_IN	**0**	**4** = Tailgaiting sensor off (permanent deactivation)	
→ AUX22_IN	**0**		

→ OUTPUTS			
→ AUX11_OUT	**0**		
→ AUX12_OUT	**0**	**0** = no function	
→ AUX21_OUT	**0**	**1** = Person passage from public side	
→ AUX22_OUT	**0**	**2** = Person passage from secured side	
→ AUX23_OUT	**0**		

BMS – (Building Management System)	FACTORY SETTINGS	DESCRIPTION	
→ BMS Invert logic			
→ BMS1			
→ PLogicRL1	**NORM**		
→ PLogicRL2	**NORM**		
→ PLogicRL3	**NORM**		
→ PLogicRL4	**NORM**	Output logic of the relay contact:	
→ PLogicRL5	**NORM**	**NORM:** enabled when message is active	
→ PLogicRL6	**NORM**	**INV:** enabled when message is inactive	
→ PLogicRL7	**NORM**	**LOCK:** Status message when door is locked	
→ PLockedClosedRL7	**LOCK**	**CLOS:** Status message when door is closed	
→ PLogicRL8	**NORM**		
→ PLockedClosedRL8	**LOCK**		
→ BMS2			

BMS – (Building Management System)			FACTORY SETTINGS	DESCRIPTION
		→ PLogicRL1	**NORM**	
		→ PLogicRL2	**NORM**	
		→ PLogicRL3	**NORM**	
		→ PLogicRL4	**NORM**	Output logic of the relay contact:
		→ PLogicRL5	**NORM**	**NORM:** enabled when message is active
		→ PLogicRL6	**NORM**	**INV:** enabled when message is inactive
		→ PLogicRL7	**NORM**	
		→ PLogicRL8	**NORM**	

SETTINGS			FACTORY SETTINGS	DESCRIPTION
→ **DATE AND TIME**				
	→ GetTimeDate		**OFF**	Read time from PLC
	→ SetTimeDate		**OFF**	Write time to PLC
	→ Hour		**0 .. 23**	*(Integer)* Hour value
	→ Minute		**0 .. 59**	*(Integer)* Minute value
	→ Day		**1 .. 31**	*(Integer)* Day value
	→ Month		**1 ..12**	*(Integer)* Wert Monat
	→ Year		**2015 .. 2099**	*(Integer)* Year value
→ **TCP / IP**				
	→ Get settings		**OFF**	Read TCP/IP settings from the PLC
	→ Set settings		**OFF**	Write TCP/IP settings to the PLC
	→IP0		**10**	*(Integer)* IP-Adress byte 0
	→ IP1		**17**	*(Integer)* IP-Adress byte 1
	→ IP2		**15**	*(Integer)* IP-Adress byte 2
	→ IP3		**30**	*(Integer)* IP-Adress byte 3
	→ Subnet0		**255**	*(Integer)* Subnet Mask byte 0
	→ Subnet1		**255**	*(Integer)* Subnet Mask byte 1
	→ Subnet2		**255**	*(Integer)* Subnet Mask byte 2
	→ Subnet3		**0**	*(Integer)* Subnet Mask byte 3
	→ Gateway0		**0**	*(Integer)* Gateway byte 0
	→ Gateway1		**0**	*(Integer)* Gateway byte 1
	→ Gateway2		**0**	*(Integer)* Gateway byte 2
	→ Gateway3		**0**	*(Integer)* Gateway byte 3

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DIAGNOSTICS	FACTORY SETTINGS	DESCRIPTION
→ INPUTS 0..15		
→ DoorSecClosed	**OFF**	*(read only)* Secure door closed
→ DoorSecOpen	**OFF**	*(read only)* Secure door open
→DoorSecLocked	**OFF**	*(read only)* Secure door locked
→ DoorPubClosed	**OFF**	*(read only)* Public door closed
→ DoorPubOpen	**OFF**	*(read only)* Public door open
→ DoorPubLocked	**OFF**	*(read only)* Public door locked
→DCPowerOK	**OFF**	*(read only)* Monitoring power supply (DC power ok)
→ EmergClosing	**OFF**	*(read only)* Contact emergency closing
→ TotalOpening	**OFF**	*(read only)* Contact total opening
→ PanicButton	**OFF**	*(read only)* Contact panic button
→ AlarmStgSec	**OFF**	*(read only)* Alarm door drive secure side
→ AlarmStgPub	**OFF**	*(read only)* Alarm door drive public side
→ AUX01_IN	**OFF**	*(read only)* Programmable input AUX01_IN
→ AUX02_IN	**OFF**	*(read only)* Programmable input AUX02_IN
→ AUX11_IN	**OFF**	*(read only)* Programmable input AUX11_IN
→ AUX21_IN	**OFF**	*(read only)* Programmable input AUX21_IN
→ INPUTS 16..31		
→ BdeS1	**OFF**	*(read only)* BDE-S contact 1
→ BdeS2	**OFF**	*(read only)* BDE-S contact 2
→ BdeS3	**OFF**	*(read only)* BDE-S contact 3
→ AUX12_IN	**OFF**	*(read only)* Programmable input AUX12_IN
→ SwDoorPubOut	**OFF**	*(read only)* Contact public door outside (push button, code card reader etc.)
→ SwDoorPubIn	**OFF**	*(read only)* Contact public door inside (push button, code card reader etc.)
→ SwDoorSecOut	**OFF**	*(read only)* Contact secure door outside (push button, code card reader etc.)
→ SwDoorSecIn	**OFF**	*(read only)* Contact secure door inside (push button, code card reader etc.)
→ SuperUserSec	**OFF**	*(read only)* Contact for temporary deactivation of the sensor (contact mat, tailgaiting etc.) to pass through from the secure side to the public side
→ SuperUserPub	**OFF**	*(read only)* Contact for temporary deactivation of the sensor (contact mat, tailgaiting etc.) to pass through from the public side to the secure side
→ SensorC1	**OFF**	*(read only)* Contact status sensor "room empty"
→ SensorC2	**OFF**	*(read only)* Contact status sensor "decision YES"
→ SensorC3	**OFF**	*(read only)* Contact status sensor "decision NO"
→ SwTraps	**OFF**	*(read only)* Service flap is open
→ Voice1Busy	**OFF**	*(read only)* Output of the voice card when busy
→ AUX22_IN	**OFF**	*(read only)* Programmable input AUX22_IN
→ OUTPUTS 32..47		

DIAGNOSTICS	FACTORY SETTINGS	DESCRIPTION
→ StgSecSurV	**OFF**	*(read only)* Command lock secure door
→ StgSecSSK	**OFF**	*(read only)* Command open secure door
→ StgPubSurV	**OFF**	*(read only)* Command lock public door
→ StgPubSSK	**OFF**	*(read only)* Command open public door
→ Light	**OFF**	*(read only)* Lighting
→ Buzzer	**OFF**	*(read only)* Buzzer
→ RedSecOut	**OFF**	*(read only)* Red traffic light secure door outside
→ GreenSecOut	**OFF**	*(read only)* Green traffic light secure door outside
→ RedPubOut	**OFF**	*(read only)* Red traffic light public door outside
→ GreenPubOut	**OFF**	*(read only)* Green traffic light public door outside
→ RedSecIn	**OFF**	*(read only)* Red traffic light secure door inside
→ GreenSecIn	**OFF**	*(read only)* Green traffic light secure door inside
→ RedPubIn	**OFF**	*(read only)* Red traffic light public door inside
→ GreenPubIn	**OFF**	*(read only)* Green traffic light public door inside
→ AUX11_OUT	**OFF**	*(read only)* Programmable output AUX11_OUT
→ AUC21_OUT	**OFF**	*(read only)* Programmable output AUX21_OUT
→ **OUTPUTS 48..63**		
→ Voice1In1	**OFF**	*(read only)* Outputs for voice card. Messages are selected by the binary code of the 4 output signals
→ Voice1In2	**OFF**	
→ Voice1In3	**OFF**	
→ Voice1In4	**OFF**	
→ Voice1Start	**OFF**	*(read only)* Start signal for the selected voice message
→ AUX22_OUT	**OFF**	*(read only)* Programmable output AUX22_OUT
→ AUX23_OUT	**OFF**	*(read only)* Programmable output AUX23_OUT
→ AUX12_OUT	**OFF**	*(read only)* Programmable output AUX12_OUT
→ Flash	**OFF**	*(read only)* Flashing lights outside the door
→ ReverseOUT1	**OFF**	*(read only)* Not in use
→ ReverseOUT2	**OFF**	*(read only)* Not in use
→ ReverseOUT3	**OFF**	*(read only)* Not in use
→ ReverseOUT4	**OFF**	*(read only)* Not in use
→ ReverseOUT5	**OFF**	*(read only)* Not in use
→ ReverseOUT6	**OFF**	*(read only)* Not in use
→ ReverseOUT7	**OFF**	*(read only)* Not in use
→ **OUTPUTS 64..79**		

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DIAGNOSTICS		FACTORY SETTINGS	DESCRIPTION
	→ BMS1.RL8	**OFF**	*(read only)* Status BMS relay
	→ BMS1.RL7	**OFF**	*(read only)* Status BMS relay
	→ BMS1.RL6	**OFF**	*(read only)* Status BMS relay
	→ BMS1.RL5	**OFF**	*(read only)* Status BMS relay
	→ BMS1.RL4	**OFF**	*(read only)* Status BMS relay
	→ BMS1.RL3	**OFF**	*(read only)* Status BMS relay
	→ BMS1.RL2	**OFF**	*(read only)* Status BMS relay
	→ BMS1.RL1	**OFF**	*(read only)* Status BMS relay
	→ BMS2.RL8	**OFF**	*(read only)* Status BMS relay
	→ BMS2.RL7	**OFF**	*(read only)* Status BMS relay
	→ BMS2.RL6	**OFF**	*(read only)* Status BMS relay
	→ BMS2.RL5	**OFF**	*(read only)* Status BMS relay
	→ BMS2.RL4	**OFF**	*(read only)* Status BMS relay
	→ BMS2.RL3	**OFF**	*(read only)* Status BMS relay
	→ BMS2.RL2	**OFF**	*(read only)* Status BMS relay
	→ BMS2.RL1	**OFF**	*(read only)* Status BMS relay

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