Your Partner For Success
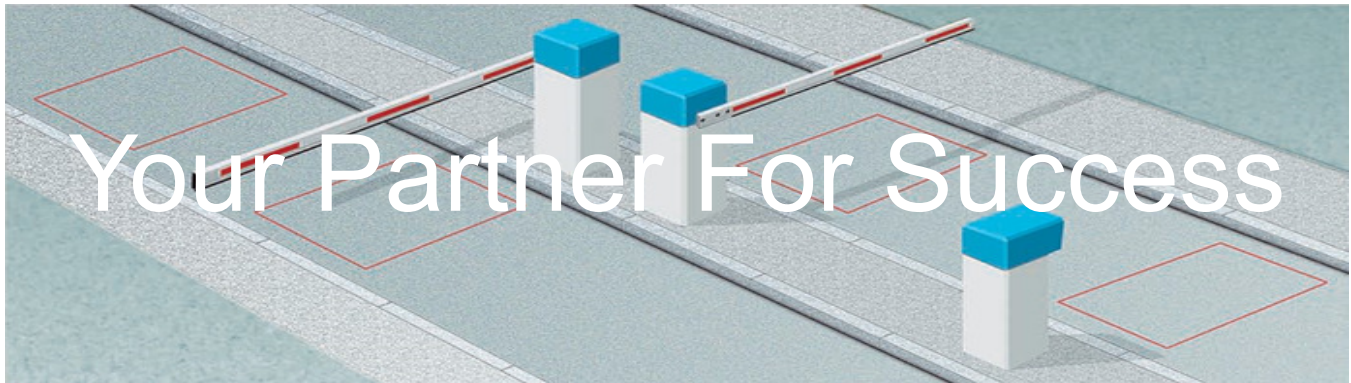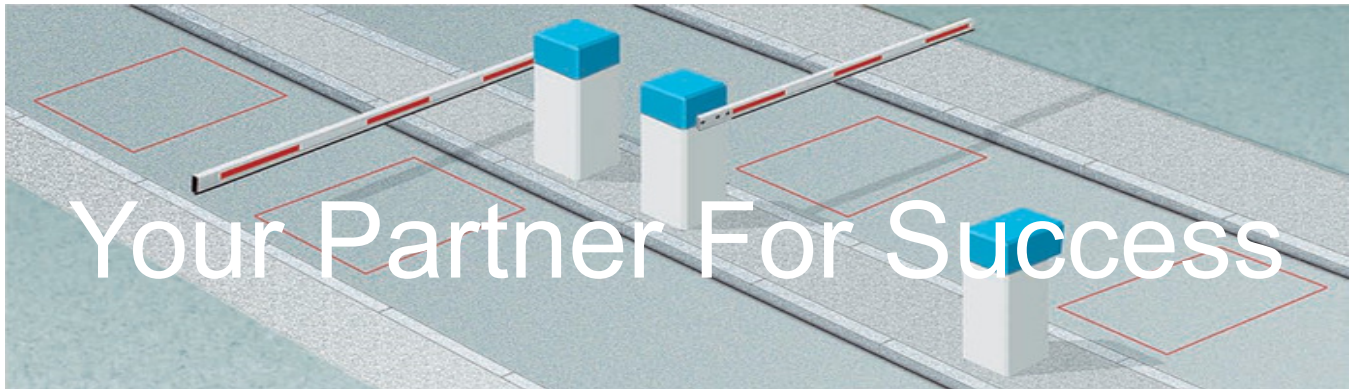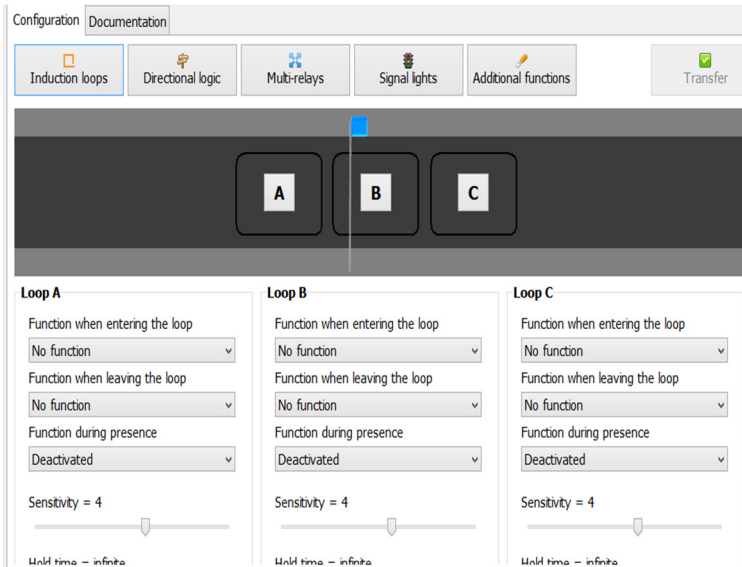
Easy control

Features:

- Remote access to every gate
- TCPIP or RS485 interface
- Settings download
- Settings upload
- PC Software application
- Every gate setting is adjustable via EasyControl application
- Easy setup of gates by using stored configuration
- Reads loop frequency
- Provides detailed setting reports
- Online help

Settings:

- Loop functions separately for all three loops
- Loop sensitivity
- Directional logic
- Relay functions (6 multifunctional relays)
- Signal light functions
- Gate mode settings
- Hold time settings
- Remote Receiver/Transmitter setup

Q-SAQ, LLC
945 Shaw Circle
Melbourne, FL 32940

Phone: +1 321-248-6749
  Fax: +1 888-870-3812
Email: info@q-saq.com

Your Partner For Success

Loop Setup Setup

Directional Logic Setup

Configuration | Documentation

Induction loops | Directional logic | Multi-relays | Signal lights | Additional functions | Transfer

A | B | C

Loop A
Function when entering the loop
No function
Function when leaving the loop
No function
Function during presence
Deactivated
Sensitivity = 4
Hold time = infinite

Loop B
Function when entering the loop
No function
Function when leaving the loop
No function
Function during presence
Deactivated
Sensitivity = 4
Hold time = infinite

Loop C
Function when entering the loop
No function
Function when leaving the loop
No function
Function during presence
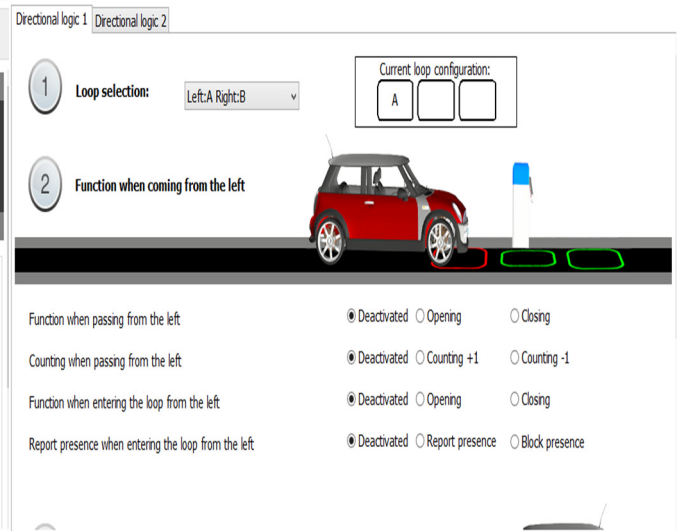Deactivated
Sensitivity = 4
Hold time = infinite

Directional logic 1 | Directional logic 2

1 Loop selection: Left:A Right:B

Current loop configuration: A

2 Function when coming from the left
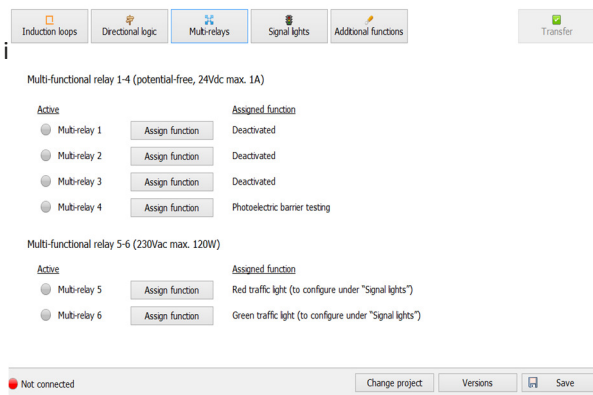
	Deactivated	Opening	Closing
Function when passing from the left	● Deactivated	○ Opening	○ Closing
Counting when passing from the left	● Deactivated	○ Counting +1	○ Counting -1
Function when entering the loop from the left	● Deactivated	○ Opening	○ Closing
Report presence when entering the loop from the left	● Deactivated	○ Report presence	○ Block presence

Relay Setup Page

Signal Lights Setting

Induction loops | Directional logic | Multi-relays | Signal lights | Additional functions | Transfer

i

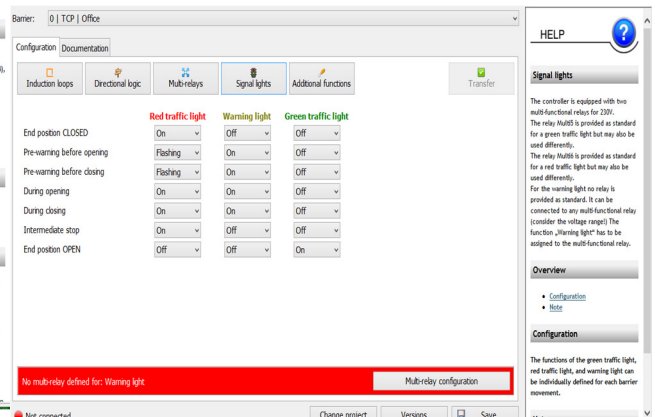Multi-functional relay 1-4 (potential-free, 24Vdc max. 1A)

Active | Assigned function
Multi-relay 1 | Assign function | Deactivated
Multi-relay 2 | Assign function | Deactivated
Multi-relay 3 | Assign function | Deactivated
Multi-relay 4 | Assign function | Photoelectric barrier testing

Multi-functional relay 5-6 (230Vac max. 120W)

Active | Assigned function
Multi-relay 5 | Assign function | Red traffic light (to configure under "Signal lights")
Multi-relay 6 | Assign function | Green traffic light (to configure under "Signal lights")

Not connected | Change project | Versions | Save

Multi-functional relays

The controller has four potential-free multi-functional relays (Multi1 to Multi4), which can switch max. 24Vdc/1A, and two multi-functional relays (Multi5 to Multi6), which can switch max. 230Vac/120W.
The display "Active" indicates if the contact of the corresponding relay is closed.

Overview
- Operating modes
- Note

Operating modes

The following operating modes can be selected via the submenu "Assign function":
- Loop A/B/C - is being occupied
  The multi-functional relay is activated (Impulse), when loop A/B/C is occupied.
- Loop A/B/C - is occupied
  The multi-functional relay is activated (constant signal), when

Barrier: 0 | TCP | Office

Configuration | Documentation

Induction loops | Directional logic | Multi-relays | Signal lights | Additional functions | Transfer

	Red traffic light	Warning light	Green traffic light
End position CLOSED	On	Off	Off
Pre-warning before opening	Flashing	On	Off
Pre-warning before closing	Flashing	On	Off
During opening	On	On	Off
During closing	On	On	Off
Intermediate stop	On	Off	Off
End position OPEN	Off	Off	On

No multi-relay defined for: Warning light | Multi-relay configuration

Not connected | Change project | Versions | Save

HELP

Signal lights

The controller is equipped with two multi-functional relays for 230V.
The relay Multi5 is provided as standard for a green traffic light but may also be used differently.
The relay Multi6 is provided as standard for a red traffic light but may also be used differently.
For the warning light no relay is provided as standard. It can be connected to any multi-functional relay (consider the voltage range!) The function „Warning light" has to be assigned to the multi-functional relay.

Overview
- Configuration
- Note

Configuration

The functions of the green traffic light, red traffic light, and warning light can be individually defined for each barrier movement.

Note

Q-SAQ, LLC
945 Shaw Circle
Melbourne, FL 32940

Phone: +1 321-248-6749
Fax: +1 888-870-3812
Email: info@q-saq.com