

# Safe Checkpoint Tower

dormakaba Safe Entry Concept

Quick Guide

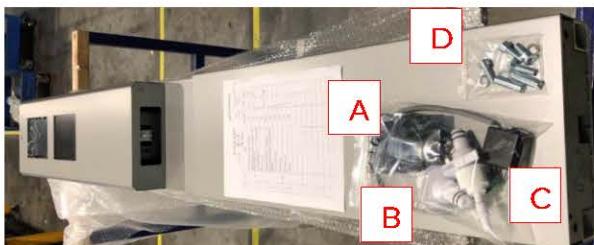
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**dormakaba** 

# Quick Guide

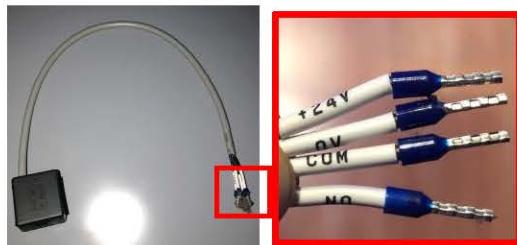
## 1 Package Contents



A: Flash Programmer for future firmware updates  
 B: Replacement spray heads  
 C: Wireless receiver (dry contact door activator)  
 D: Mounting screws

## 2 Hardware Interfaces

The **wireless receiver** delivered in the accessories bag (C above) has already been set to relay the activation signals from the SafeTower. Attach the 24V and OV to a 24V supply, and the COM and NO to a Normally Open the activation relay input of the desired automation device. E.g. any of the 4 inputs shown in blue on the ETS22cc shown below, as per PAVIS settings.



On the back of the SafeTower:  
 110-240V **power inlet** and a 9-pin **communication interface**.



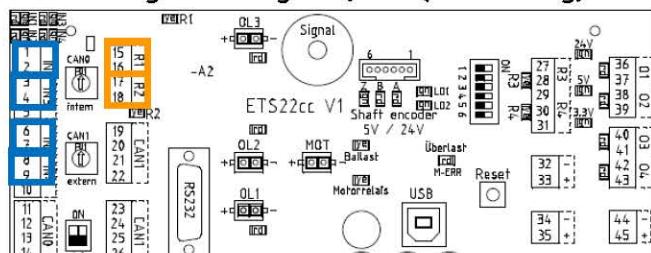
### WARNING

Ensure that power is disconnected when setting up or installing the unit.

### Terminals of the communication interface:

1/2: Exit count (=people count -1)  
 3/4: Enter count (=people count +1)  
 5/6: Backup activation signal (**remove transmitter first!**)  
 7/8: CAN BUS for Master/Slave (7:CANL/8:CANH)

## 3 Passage Counting PAS/ESC (ETS Setting)



In example here, connect as follows:

ETS22cc / R1 -> SafeTower Terminals 3/4

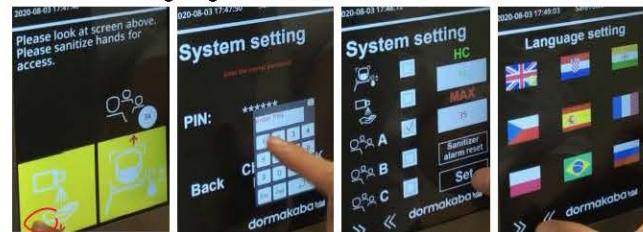
ETS22cc / R2 -> SafeTower Terminals 1/2

And set as follows in PAVIS :



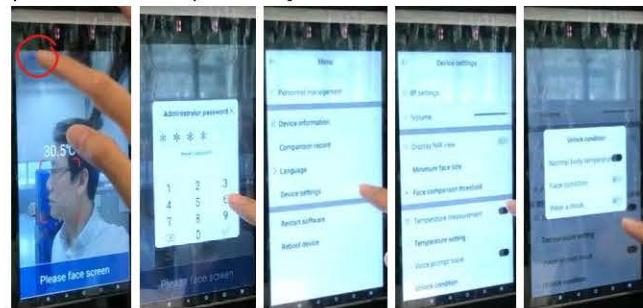
## 4 ECU Settings Screen

Tap the bottom left of screen to access the PIN input page. Factory default PIN is 123456. Choose checks as required to allow access. "HC" is the passage count; "MAX" is the maximum limit. Use arrows on bottom left to access language and Master/Slave menus

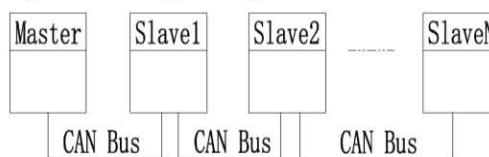


## 5 EBT/Mask Check Settings Screen

Tap the top left dormakaba logo repeatedly to call out the PIN input. Factory default is 666666. Functions are preset in factory but adjustments available as below:



## 6 Synchronizing Multiple SafeTowers



Designate one SafeTower as Master of the setup and connect the SafeTowers as above.

Follow instructions above on accessing the setup page on the ECU, tap the arrows to get to screen below:

- Select Master/Slave accordingly
- Key in total no. of Slaves in Slave Number
- Set Slave address under CAN Address starting from 1



**FCC STATEMENT :**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and

This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This product complies with the radio interference requirements of the European Community.

Product name: Safe Checkpoint Tower / SafeTower

Product model: Safe Checkpoint Tower / SafeTower

Manufacturer: dormakaba China Ltd.

Contact Person: Hannah Li

TEL:0512-62957752

Trade mark:dormakaba

Frequency Range: WIFI 2.4 G: 2412-2472MHz; 433.92MHz

Max. Transmit Power: : 13.66 dBm Max (WIFI 2.4G) ; 1.42 dBm Max (433MHz)

**SIMPLIFIED EU DECLARATION OF CONFORMITY**

The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows:

Hereby, dormakaba China Ltd. declares that radio equipment type Safe Checkpoint Tower / SafeTower is in compliance with Directive 2014/53/EU, and this product is allowed to be used in all EU member states.

This product can be used across EU member states.