

## PREPARE/SWITCH ON 8585/8595

**Note:** Configure the 8585/8595 before fastening it to machines or vehicles. In this way, software configuration for the WLAN function, for Automatic switch-off, etc. is significantly simpler and more convenient.



8585/8595 Vehicle-Mount

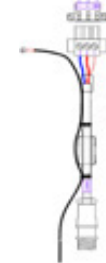
### PREREQUISITES

- > Power supply cable 1616302-001 or 1616303-001.
- > If operating the 8585/8595 using an external mouse or keyboard, connect this before switching on the device.

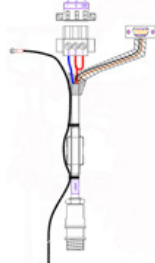
### POWER SUPPLY/SWITCH ON THE DEVICE

- > Connect the 8585/8595 to the vehicle power supply using a 1616302-001 or 1616303-001 power cable.
- > Press the Power button to switch on the 8585/8595.

**IMPORTANT:** The 8585/8595 series is equipped with an integrated power supply for direct voltage. 12/24 VDC and 24/48 VDC models are available. The output voltage of the vehicle must be compatible with the input voltage of the 8585/8595. If it is not, the 8585/8595 may be badly damaged.



Ignition adaptor cable  
PN 1616302-001



Screen blanking adaptor cable  
PN 1616303-001

## CONFIGURING THE 8585/8595 WITH CONFIG

The 8585/8595 is equipped with the configuration program, Config. You can define the automatic switch off and front key assignment along with other settings using this program.



Config Program Functions

**IMPORTANT:** Config settings should only be made by qualified technical staff.

**Note:** A description of the Config settings is detailed in the 8585/8595 User Guide, PN 8000240.

### LAUNCHING CONFIG

- > Click on the Config icon in the taskbar.



- > Config is automatically launched in the *Admin Mode*. Note that Config settings can only be saved in Admin Mode.
- > Enter the password **gold**.

Or

## CONFIGURING CONTINUED

- > Launch Config through **Start>Programs**.
- > Note that Config settings can only be saved in *Admin Mode*.
- > Enter the password **gold**.
- > Configure the **Automatic Switch-off** function - this governs the power-up and shutdown procedure for the 8585/8595 connected to a separate start up signal (for example, a car ignition).
- > Program the **Front Panel keys** of the 8585/8595. Assign frequently used functions to the soft keys.

**Note:** Use the *Settings* menu to define the language of the Config software.

## WIRELESS NETWORK SETTINGS (WLAN)

As an option, the 8585/8595 can be equipped with a Summit WLAN card. A default WLAN profile with the basic settings is defined at the factory. This profile must be adjusted to customer-specific requirements using the Summit Client Utility program (SCU).

**IMPORTANT:** WLAN settings with SCU should only be changed by qualified technical staff.

### SUMMIT CLIENT UTILITY PROGRAM (SCU)

- > To launch SCU, click on the **SCU icon** on the desktop.
- > Log on, and insert the password **SUMMIT** (all in uppercase).
- > Make the necessary setting changes.

## OVERVIEW OF THE INSTALLATION STEPS

Before you mount the 8585/95:

- > The automatic switch-off function must be configured.
- > The installation site/vehicle must be prepared (on vehicles: connection to ignition, observe correct voltage, etc.).

### POSITION OF 8585/8595 ON VEHICLES

- > The driver's field of vision must *not* be obstructed.
- > If a keyboard and scanner are to be installed, allow enough space.

We recommend that the installation process be carried out in the following sequence:

- > **Step 1:** Secure the mounting bracket onto the vehicle.
- > **Step 2:** Connect the cables to the device.
- > **Step 3:** Attached the 8585/8595 to the mounting bracket.
- > **Step 4:** If 8585/8595 is mounted above head height, it is recommended to also use a safety strap with the mount bracket.

**Note:** Copy the following web site to your browser to access product User Guide and mounting bracket Installation Instructions:

<http://www.ingenuityworking.com/knowledge/w/knowledgebase/1135.85858595-vehicle-mount-computers-product-manuals.aspx>

## ELECTRICAL INSTALLATION

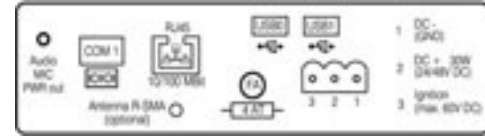
### IMPORTANT!

- Position and connect the 8585/8595 as close to the battery as possible.
- Do not attach the 8585/8595 directly to a connector for a high-powered consumer (e.g., an inverter for forklift motors) as this could cause restarts, malfunctions or damage to the device.
- Some forklifts have a chassis that is connected to DC+; therefore, the 8585/8595 chassis is also connected to DC+. However, if peripheral devices that supply DC- to the 8585/8595 through an interconnector (such as a DC- serial port), this will cause a short circuit. This will inevitably lead to malfunctions or even a total system failure.
- Some forklifts have a chassis that is isolated from DC+ and DC-. Ground connection of the 8585/85 chassis should be connected to the vehicle chassis.
- Ensure that the ground connection is correct. Individual vehicle requirements and any installed supplementary electronic systems on the vehicles must be reviewed to ensure that 8585/8595 grounding is compatible. Refer to vehicle manufacturers instructions.

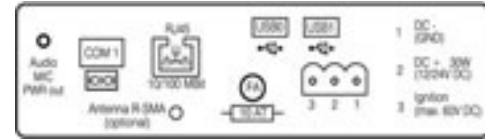


Ground bolt

## ELECTRICAL CONTINUED



8585/8595 connectors,  
24/48 VDC



8585/8595 connectors,  
12/24 VDC

## CABLE COVER AND STRAIN RELIEF

Once the 8585/8595 and mounting bracket have been secured:

- Prepare the strain relief. (See illustration on next page.)
- Position the cables on the stress relief rail so that they will fit through the openings in the cable cover.
- Mount the cable loosely on the strain relief rail.

Final steps:

- Fix the cables to the strain relief rail.
- Close the cable cover carefully.



Example of cable positioning to the  
strain relief rail

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## 8585/8595 VEHICLE-MOUNT COMPUTER

### Quick Start Guide

#### Warranty

For the complete Zebra hardware product warranty statement, go to:  
<http://www.zebra.com/warranty>



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