

Cerm MIS

# CermBoXX Peripherals

Technical Description

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## 1 Peripherals

### 1.1 Short description

If you want to use the Cerm warehouse management software, you will need a few hardware peripherals. The peripherals listed in this document are suggested by Cerm. These are the only peripherals which Cerm has tested with the Cerm MIS software.

There are, of course, a lot of peripherals which can be used in combination with the Cerm software, which makes it impossible for Cerm to test them all with the software. If you prefer to use other devices, we strongly advise to check the compatibility with the Cerm software. You can use our Scanner and printer validation tool – ‘Cerm Barcode Test’.

More information can be found in following link:

[http://www.cerm.be/hd/onlinehelp/System/Installation/PrintersScanners/Cerm\\_barcode\\_test.htm](http://www.cerm.be/hd/onlinehelp/System/Installation/PrintersScanners/Cerm_barcode_test.htm)

The barcode printers and scanners must be installed and tested before the visit of the Cerm consultant! Please use the Cerm Validation tools to check if all devices are ‘Cerm-Ready’. Timing must be discussed with the CERM consultant in advance.

**REMARK: Cerm will not sell, support or configure the devices described in this document. The devices are only suggested by Cerm. Please contact a local reseller of such devices to get the most accurate and correct information. Please choose a local reseller who can execute (or assist you with) the configuration of all peripherals.**

### 1.2 Peripheral to add to the working environment of the warehouse manager

#### 1.2.1 Mobile workstation – handheld scanner

A WiFi scanner is necessary to inventory your stock and keep track of the locations of the reels in real time.



We suggest the model Zebra MC32N0-GI4HCHEIA, which includes Windows CE 7.0 and is a ‘Gun’ model.

#### Extra required parts

- Single Slot Cradle & Power Supply: CRD3000-101RES
- USB Cable: 25-68596-01R

#### Remarks/Requirements

- A Stable WiFi network which covers the whole shop floor and warehouse with a strong signal is fundamental for a successful mobile scanner implementation.
- The scanner will connect to the Cerm application through RDP. There are 2 options:
  - If you have a ‘Remote Desktop Server’, you can connect to it and you’ll be able to use full functionality (scan + print).

- If you don't have an 'RDS', you can connect to the 'CermBoXX'. It will be possible to use the scanning part of the application, but you won't be able to print box labels directly from the application (only scan).
- Cerm has a European Partner ([www.zetes.com](http://www.zetes.com)) who can deliver the 'Zebra MC32N0-GI4HCHEIA' preconfigured to connect with the Cerm MIS. Send an email to [technical.support@cerm.net](mailto:technical.support@cerm.net) for more information.
- When you consider to choose for another brand or model, the handheld scanner must at least have these properties:
  - Wifi connectivity
  - Windows CE 7.0
  - RDP client (with autostart)
  - Display : 240 x 320 pixels
  - Scanner : 1D and 2D

### 1.2.2 Barcode label printer

A barcode printer is needed to be able to print labels to identify goods during picking and shipping.



#### Specifications

Label printer ZEBRA GK420d  
**with network adaptor (TCP/IP)**

Always configure a barcode label printer with Seagull Scientific printer drivers :

<http://www.seagullscientific.com/drivers/windows-printer-drivers/>

Also, test the your configuration with the Cerm Barcode Test Tool:

[http://www.cerm.be/hd/onlinehelp/System/Installation/PrintersScanners/Cerm\\_barcode\\_test.htm](http://www.cerm.be/hd/onlinehelp/System/Installation/PrintersScanners/Cerm_barcode_test.htm)

### 1.3 Peripherals to add to the working environment of the printers

#### 1.3.1 Barcode scanner

This device is connected to the USB port of the workstation. It is necessary to scan the EPSMA-code of the reel for monitoring material consumption.



**Specifications**

Datalogic Gryphon GD4130  
with USB adaptor.

This scanner is also available cordless (Datalogic Gryphon GM4130).

#### 1.3.2 Barcode label printer

This device is needed to print a new ID-label for the remaining material reel (100 x 150 mm).

If you produce instant “finished rolls” on the printing press for your customer, **you must provide an extra printer**, because the size of the labels for the finished goods will be different (100 x 18 mm).

**Specifications** : see 1.2.2