

## Driver Usage

### Accessdriver settings

Open a browser window, and go to: **localhost:631**



Click on the **Printers** tab to see a list of installed printers

| Queue Name  | Description                    | Location | Make and Model    | Status |
|---|--------------------------------|----------|-------------------|--------|
| <a href="#">Brother_HL-2250DN_series:1</a>        | Brother HL-2250DN series       |          | Local Raw Printer | Idle   |
| <a href="#">Fax:5</a>                             | Fax                            |          | Local Raw Printer | Idle   |
| <a href="#">Foxit_Reader_PDF_Printer:4</a>        | Foxit Reader PDF Printer       |          | Local Raw Printer | Idle   |
| <a href="#">Magicard_Rio_Pro_(V2):6</a>           | Magicard Rio Pro (V2) (Copy 1) |          | Local Raw Printer | Paused |
| <a href="#">Magicard_Rio_Pro_(V2):9</a>           | Magicard Rio Pro (V2)          |          | Local Raw Printer | Idle   |
| <a href="#">Magicard_Rio_Pro_(V2)_ (Copy_1):6</a> | Magicard Rio Pro (V2) (Copy 1) |          | Local Raw Printer | Idle   |
| <a href="#">Magicard_Rio_Pro_(V2)_ (Copy_2):7</a> | Magicard Rio Pro (V2) (Copy 2) |          | Local Raw Printer | Idle   |
| <a href="#">Microsoft_XPS_Document_Writer:3</a>   | Microsoft XPS Document Writer  |          | Local Raw Printer | Idle   |
| <a href="#">Rio-Pro</a>                           | Magicard Rio Pro               | ubuntu   | Magicard Rio Pro  | Idle   |
| <a href="#">Send_To_OneNote_2010:2</a>            | Send To OneNote 2010           |          | Local Raw Printer | Idle   |

Select a magicard printer to view the details

### Rio-Pro (Idle, Accepting Jobs, Not Shared)

Maintenance Administration

**Description:** Magicard Rio Pro

**Location:** ubuntu

**Driver:** Magicard Rio Pro (color, 2-sided printing)

**Connection:** usb://Magicard/Rio%20Pro?serial=53C3452

**Defaults:** job-sheets=none, none media=om\_1-xcr80\_54.33x86.01mm slides=one-sided

#### Jobs

Search in Rio-Pro:

Show Completed Jobs Show All Jobs

No jobs.

Click on the “administration” list-box, and select “Set default options” to access driver settings

## Set Default Options for Rio-Pro

[General](#) [Printer](#) [Card Front](#) [Card Back](#) [Advanced](#) [Banners](#) [Policies](#)

### General

Media Size: CR80 card

Set Default Options

## Driver Settings

### General tab

#### General

Media Size: CR80 card

Set Default Options

Media Size – Select a predefined card dimension

### Printer tab

#### Printer

Duplex printing: Back only

Set Default Options

Duplex printing – determines if the image should be printed on the front side of the card, the back side of the card, or, if a two page document is printed, both sides of the card.

## Card Front / Card Back tab

**Card Front**

**Colour format:** Colour with resin black (YMCK) ▾

**Black resin options:** All black is printed with K ▾

**Overcoat:** Print overcoat layer ▾

**HoloKote(R):** Print with HoloKote(R) image ▾

**HoloPatch(R):** Print without HoloPatch(R) ▾

**Rotation:** 0 degrees ▾

**Overcoat holes:** No hole ▾

**HoloKote(R) Type:** UltraSecure(R) Key ▾

**HoloKote(R) Rotation:** No rotation ▾

Set Default Options

Colour format – determines the colour composition of the printed image, the printer can use the colour panels of the printer ribbon to make coloured cards (YMC), any black (such as text) can be printed using the black resin ribbon panel (K)

Selecting YMC will print everything in colour, YMCK will print everything in colour and print black using the dedicated resin panel, selecting K will print the image without using the colour panels of the ribbon; resulting in a black and white print

Resin black options – controls how the colour black is printed, selecting K means that black will be printed using the dedicated resin black panel, selecting YMC will mean that black is printed by combining the YMC panels to make the darkest colour possible.

Overcoat – controls if a layer of translucent protective overcoat should be added to the card at the end of the image printing process.

HoloKote – controls if a security watermark should be burned into the Overcoat, this can be toggled on and off

HoloPatch – controls if a HoloKote panel should be printed in HoloPatch format

Rotation – controls image rotation e.g. setting to 180 means that the printer will print a given image upside down.

Overcoat holes – controls if Overcoat should be omitted from certain areas of the card, 4 presets are available that correspond with common MAG stripe positions

HoloKote type – allows the selection of preset overcoat watermark images

HoloKote rotation – controls the rotation of the Overcoat watermark.

## Advanced

**Advanced**

Colour correction: None

Resin quality: Default

Sharpness: 0

Status polling: Enable

Printhead Power (YMC): 50

Printhead Power (Black resin): 50

Printhead Power (Overcoat): 50

Printhead Position: 0

Image Position Start: 0

Image Position End: 0

Rewritable Cards (Erase): Do not erase before print

Erase power (Start): 50

Erase power (Start): 50

Write power: 50

Colour correction – algorithms that adjust the colour quality of the printed image

Resin quality – controls speed, and therefore quality, of resin printing, faster will result in pale but fast prints, and slow will result in dark but slow prints.

Sharpness – controls the clarity of the printed image.

Status polling – controls if the driver periodically communicates with the connected printer to retrieve status information

Printhead power (YMC / K / Overcoat) – controls the strength used to print while using the corresponding ribbon panel type, more power will result in darker results; excessive power can break the ribbon.

Printhead position – controls the vertical placement of the printed image on the card, adjust to add / remove white borders from these areas

Image position start / end – controls the placement of the printed image at the start / end of the card, adjust to add / remove white borders to these areas

Rewritable cards – controls if the printer should erase rewritable cards before attempting to print

Erase / write power – controls the strength used to perform these operations, adjust so that cards are effectively erased and written.

## Printing

To print, simply use the printing functionality from your image application (file > print / **Ctrl + P**), select the magicard printer as the target printer, and press **Print**.

