



# **IX-R7000 Card Lamination Module**

## **Configuration Guide**

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## Preface

Thank you for purchasing the IX-R7000 Card Lamination Module (Laminator). Please read this user guide to learn how to configure the Laminator with your IX-R7000 Card and Badge Printer (IX-R7000).

## How to Use This Guide

This guide describes how to configure the Laminator and troubleshoot error messages.

## Chapter 1 Overview and Setup

The Laminator is an accessory for the IX-R7000. The Laminator streamlines the printing process by laminating the cards as they are printed by the IX-R7000.

To use the Laminator, it is required to install a special firmware on the IX-R7000. This firmware allows for the IX-R7000 to communicate with the Laminator. See Firmware Requirements on page 4 for more information.

Visit the below URL to learn more about the IX-R7000 and to download manuals.

[www.usa.canon.com/support/p/ix-r7000-id-card-badge-printer](https://www.usa.canon.com/support/p/ix-r7000-id-card-badge-printer)

### Firmware Requirements

The special IX-R7000 firmware version v.1.51.F01 is required to communicate with the Laminator.

The firmware can be downloaded from the below URL.

[https://downloads.canon.com/hsg2022/IXR7000/IX-R7000\\_151\\_F01.npr](https://downloads.canon.com/hsg2022/IXR7000/IX-R7000_151_F01.npr)

Please refer to the IX-R7000 User Manual for firmware update instructions.

### Installation

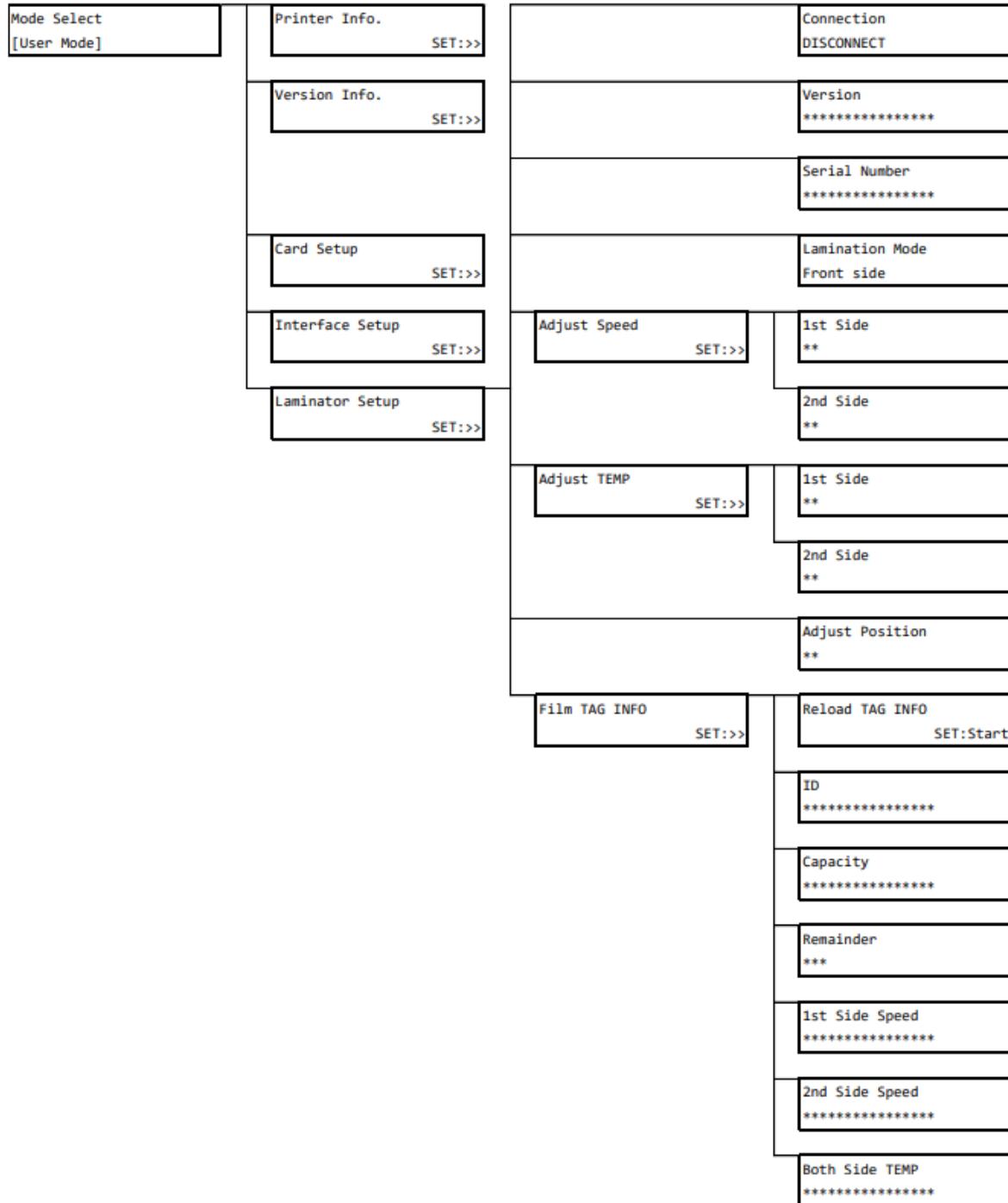
The Laminator must be installed against the left side of the IX-R7000 so that the printer output slot aligns with the Laminator input slot. The Laminator connects to the IX-R7000 via an RS-232C serial cable to facilitate communication and error handling. The serial cable must be connected to the (OPTION) port on the IX-R7000. The Laminator must always be turned on first before turning on the IX-R7000.

Please view the below instruction video for detailed Laminator installation information.

<https://downloads.canon.com/hsg2023/IXR7000/laminatorinst.mp4>

## Chapter 2 Laminator Configurations

The operation panel of IX-R7000 is used to configure the Laminator. The Laminator Setup menu can be accessed under the User Mode setup menu after installing the IX-R7000 firmware version v.151.F01. See the diagram below for the IX-R7000 Laminator Setup menu tree.



## Connection

The Connection menu displays the current connection state of the Laminator.

```
Connection  
DISCONNECT
```

The below options can be set from this menu. This setting will not change automatically depending on the connection state of the Laminator, it must be set manually by the user.

DISCONNECT ... Set when the Laminator is not connected. (Default value)

CONNECT ... Set when the Laminator is connected.

This setting will be applied after power cycling the IX-R7000.

## Version

The Version menu displays the Laminator firmware version.

```
Version  
*****
```

## Serial Number

The Serial Number menu displays the Laminator serial number.

```
Serial Number  
*****
```

## Lamination Mode

The Lamination Mode menu displays the Laminator's currently set lamination mode.

```
Lamination Mode  
Front side
```

The below options can be set from this menu.

Front side ... Laminates the front side and ejects the card front side up.

Back side ... Laminates the back side and ejects the card back side up.

Front and back ... Laminates the front side, laminates the back side, and then ejects the card back side up.

Back and front ... Laminates the back side, laminates on the front side, and then ejects the card front side up.

Front and flip ... Laminates the front side and ejects the card back side up.

Back and flip ... Laminates the back side and ejects the card front side up.

NoLAMI(Faceup) ... Ejects the card front side up without any lamination.

NoLAMI(Facedown) ... Ejects the card back side up without any lamination.

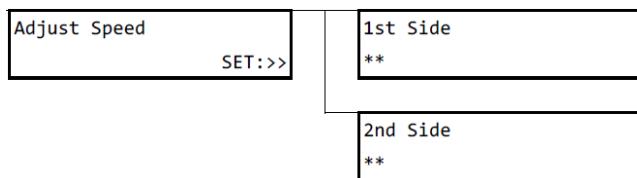
NoLAMI(Through) ... Ejects the card back side up without any lamination.

NoLAMI(Flip) ... Ejects the card front side up without any lamination.

“No data” is shown when the setting has not yet been configured.

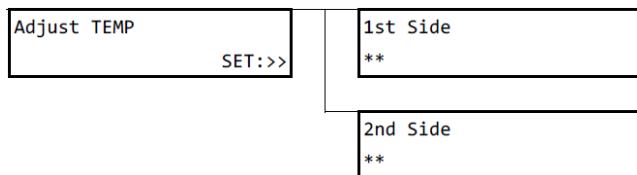
## Adjust Speed

The Adjust Speed menu displays the Laminator’s current lamination speed. The lamination speed can be set from this menu. The 1<sup>st</sup> side lamination speed and 2<sup>nd</sup> side lamination speed can be configured separately. The default speed is 10 and it can be set between the range of 0 to 20. Lowering the number will decrease lamination speed and increasing the number will increase lamination speed.



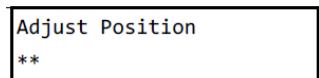
## Adjust TEMP

The Adjust TEMP menu displays the Laminator’s current temperature setting. The lamination temperature can be set from this menu. The 1<sup>st</sup> side lamination temperature and 2<sup>nd</sup> side lamination temperature can be configured separately. The default temperature is 12 and it can be set between the range of 0 to 20. Lowering the number will decrease the lamination temperature and increasing the number will increase the lamination temperature.



## Adjust Position

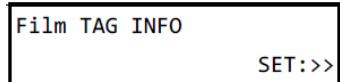
The Adjust Position menu displays the Laminator’s current lamination position offset.



The lamination position offset can be set from this menu. The default position offset is 10 and it can be set between the range of 0 to 20. Lowering the number will move the laminated patch up towards the leading short edge of the card. Increasing the number will move the laminated patch down towards the trailing short edge of the card.

## Film Tag INFO

The Film Tag INFO menu displays information about the film currently loaded in the Laminator.



. Film information is retrieved when the Laminator is turned on or when Reload TAG INFO is performed. Inaccurate film information may display if the film was replaced and Reload TAG INFO was not performed.



The below information can be found in this menu.ID ... Identifies the type of film installed in the Laminator. See the below table for information about each ID.

ID	Label	Category
500	Clear Patch 1.0mil	Patch
501	Generic Holo Patch 1.0mil	Patch
502	Clear Smart Cut Patch 1.0mil	Patch
503	Clear Mag Cut Patch 1.0mil	Patch
504	Clear Patch 0.5mil	Patch
505	Generic Holo Patch 0.6mil	Patch
506	Clear Smart Cut Patch 0.5mil	Patch
507	Clear Mag Cut Patch 0.5mil	Patch
508	Generic Holo Continuous	Varnish
509	Generic Holo Registered	Varnish
510	Clear Varnish	Varnish
511	Alt. Smart/Full 1.0mil	Patch / Alternate
512	Alt. Smart/Mag 1.0mil	Patch / Alternate
513	Alt. Full/Mag 1.0mil	Patch / Alternate

Capacity ... The number of prints per film roll.

Remainder ... Percentage of prints remaining on the film roll.

1<sup>st</sup> Side Speed ... The recommended 1<sup>st</sup> side lamination speed for the loaded film.

2<sup>nd</sup> Side Speed ... The recommended 2<sup>nd</sup> side lamination speed for the loaded film.

Both Side TEMP ... The recommended lamination temperature for the loaded film.

## Chapter 3 : Error Messages

These error messages appear on the IX-R7000 operational panel when a Laminator error occurs.

### LAMI COM Error / D0-01

Buffer overflow. Please try again.

### LAMI COM Error / D0-02

No response from the Laminator. Check the connection by referring to Installation on page 4.

### LAMI Not Detect / D1-01

The Laminator is not detected. Check the connection by referring to Installation on page 4.

### LAMI Film Empty / D2-01

The film ribbon is empty or an error occurred while transferring film to the card. Open the Laminator cover and check the status of the film ribbon.

### LAMI Film Error / D3-01

An error happened while transferring film to the card. Open the Laminator cover and check the status of the film ribbon.

### LAMI Film Error / D3-02

An unsupported film ribbon is installed. Install a supported film ribbon.

### LAMI No Film / D4-01

The film ribbon is not detected. Install a film ribbon.

### LAMI Cover Open / D5-01

The Laminator cover is open. Close the cover.

### LAMI Mechanical / D6-01

Service error. Please contact your service provider.

### LAMI Hopper Full / D7-01

The output hopper is full. Remove all cards from output hopper and try again.

### Service Call / D8-01

Service error. Please contact your service provider.