

device.orientation

Description This printer setting determines the installation orientation of the KR403 printer, either horizontal or vertical. It is intended for use only by the system integrator. Modification by an end user can result in unexpected printer behaviour.

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see *Command Structure* on page 628.

This table identifies the parameters for this format:

Commands	Details
getvar	This command instructs the printer to respond with the currently set presenter loop length. <i>Format:</i> ! U1 getvar "device.orientation"
setvar	This command instructs the printer to change the presenter loop length. <i>Format:</i> ! U1 setvar "device.orientation" "value" <i>Values:</i> 0 = printer is installed horizontally 1 = printer is installed vertically <i>Default:</i> 0 = printer is installed horizontally

media.cut_now

Description This command instructs the printer cycle the media cutter. If the printer is in Print Mode Kiosk (media.printmode “K”) then the cutter will execute a cut based on the value of media.present.cut_amount – either a normal cut or a partial cut. If the printer is not in Print Mode Kiosk (media.printmode “K”), this command does nothing. See [media.present.cut_amount on page 669](#).

Supported Devices


- KR403

Type do; setvar



Note • For details on SGD command structure, see [Command Structure on page 628](#).

This table identifies the parameters for this format:

Commands	Details
do	This command instructs the printer to cycle the media cutter. <i>Format:</i> ! U1 do "media.cut_now" ""
setvar	This command instructs the printer to cycle the media cutter. <i>Format:</i> ! U1 setvar "media.cut_now" ""  Note • See media.present.cut_amount on page 669 .

media.media_low.external

Description This printer setting gets the status of the external media_low warning. For printer support, see *SGD Command Support* on page 997.

Supported Devices


- KR403

Type getvar



Note • For details on SGD command structure, see *Command Structure* on page 628.

This table identifies the parameters for this format:

Commands	Details
getvar	<p>This command instructs the printer to respond with the currently set media print mode.</p> <p><i>Format:</i></p> <pre>! U1 getvar "media.media_low.external"</pre> <p><i>Values:</i></p> <ul style="list-style-type: none"> 0 = Paper present at sensor position 1 = No paper present <p> Note • The status of the sensor is sampled every time the printout is cut. If three succeeding samples show "no paper", the status reply changes to 1. This is to prevent a false alarm if the side of the paper roll is not clean. If the current status of the sensor is required, use ~HQES and extract the paper near-end sensor bit.</p>

media.present.cut_amount

Description This printer setting determines the type of cut made by the printer cutter (normal or partial) and, if partial, the length of the partial cut on each side, in mm. For printer support, see *SGD Command Support on page 997*.

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see *Command Structure on page 628*.

This table identifies the parameters for this format:

Commands	Details
getvar	This command instructs the printer to respond with the currently set media cut amount. <i>Format:</i> ! U1 getvar "media.present.cut_amount"
setvar	This command instructs the printer to change the media cut amount. <i>Format:</i> ! U1 setvar "media.present.cut_amount" "value" <i>Values:</i> 0 = normal cut 10-40 = partial cut, value = mm of cut from each side

media.present.eject

Description This command instructs the printer to eject the document through the presenter module. The value is the amount to eject, in mm. The value of [media.present.length_addition](#) gets added to the value to determine the total length of media ejected. For printer support, see [SGD Command Support on page 997](#).

Supported Devices


- KR403

Type do; setvar



Note • For details on SGD command structure, see [Command Structure on page 628](#).

This table identifies the parameters for this format:

Commands	Details
do	This command instructs the printer to eject the document through the presenter module. <i>Format:</i> ! U1 do "media.present.eject" "value"
setvar	This command instructs the printer to eject the document through the presenter module. <i>Format:</i> ! U1 setvar "media.present.eject" "value" <i>Values:</i> 0 - 255 = amount of media to eject in mm  Note • See media.present.length_addition on page 671 .

media.present.length_addition

Description This printer setting adds an additional amount to how far the paper is ejected during a present cycle. A standard amount of 50mm is always added to clear the kiosk wall. This amount is added to that 50mm. The total amount of media ejected this command is executed, then, is 50mm + media.present.length_addition + media.present.eject. For printer support, see *SGD Command Support on page 997*.

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see *Command Structure on page 628*.

This table identifies the parameters for this format:

Commands	Details
getvar	This command instructs the printer to respond with the currently set media present length addition. <i>Format:</i> : ! U1 getvar "media.present.length_addition"
setvar	This command instructs the printer to change the media present length addition. <i>Format:</i> ! U1 setvar "media.present.length_addition" "value" <i>Values:</i> 0-255 = additional mm of media to eject

media.present.loop_length

Description This printer setting determines the length of the presenter loop. If loop_length is greater than loop_length_max (see media.present.loop_length_max) then it will be set equal to loop_length_max. For printer support, see [SGD Command Support on page 997](#).

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see [Command Structure on page 628](#).

This table identifies the parameters for this format:

Commands	Details
getvar	This command instructs the printer to respond with the currently set presenter loop length. <i>Format:</i> ! U1 getvar "media.present.loop_length"
setvar	This command instructs the printer to change the presenter loop length. <i>Format:</i> ! U1 setvar "media.present.loop_length" "value" <i>Values:</i> 0 = paper is fed straight through the presenter 3-1023 = loop length in mm. <i>Default:</i> 50 = gives a loop of approximately 50mm

media.present.loop_length_max

Description This printer setting determines the maximum allowed length of the presenter loop. For printer support, see *SGD Command Support* on page 997.

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see *Command Structure* on page 628.

This table identifies the parameters for this format:

Commands	Details
getvar	<p>This command instructs the printer to respond with the currently set presenter loop length.</p> <p><i>Format:</i></p> <pre>! U1 getvar "media.present.loop_length_max"</pre>
setvar	<p>This command instructs the printer to change the presenter loop length.</p> <p><i>Format:</i></p> <pre>! U1 setvar "media.present.loop_length_max" "value"</pre> <p><i>Values:</i></p> <ul style="list-style-type: none"> 0 = paper is fed straight through the presenter 3-1023 = loop length in mm. <p><i>Default:</i></p> <ul style="list-style-type: none"> 600 = gives a loop of approximately 50mm

media.present.cut_margin

Description This printer setting determines the margin between the cutter and the printhead. For printer support, see *SGD Command Support* on page 997.

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see *Command Structure* on page 628.

This table identifies the parameters for this format:

Commands	Details
getvar	This command instructs the printer to respond with the currently set media cut margin amount. <i>Format:</i> ! U1 getvar "media.present.cut_margin"
setvar	This command instructs the printer to change the media cut amount. <i>Format:</i> ! U1 setvar "media.present.cut_margin" "value" <i>Values:</i> 2 - 9 = mm of distance <i>Default: :</i> 9 = mm of distance

media.present.present_timeout

Description This printer setting determines how long the printer will wait after a present event to clear the label. See ^KV ZPL command. For printer support, see [SGD Command Support on page 997](#).

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see [Command Structure on page 628](#).

This table identifies the parameters for this format:

Commands	Details
getvar	<p>This command instructs the printer to respond with the currently set presenter function mode.</p> <p><i>Format:</i></p> <pre>! U1 getvar "media.present.present_timeout" a</pre>
setvar	<p>This command instructs the printer to change the presenter function mode.</p> <p><i>Format:</i></p> <pre>! U1 setvar "media.present.present_timeout" "value"</pre> <p><i>Values:</i></p> <p>0 - 300 = If label is not taken, retract label when timeout expires. Timeout is in seconds. Zero (0) indicates that there is no timeout. The label will stay presented until removed manually or a new label is printed.</p>

media.present.present_type

Description This printer setting determines the way that the printer performs a present command. See ^KV ZPL command. For printer support, see *SGD Command Support on page 997*.

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see *Command Structure on page 628*.

This table identifies the parameters for this format:

Commands	Details
getvar	This command instructs the printer to respond with the currently set presenter function mode. <i>Format:</i> ! U1 getvar "media.present.present_type"
setvar	This command instructs the printer to change the presenter function mode. <i>Format:</i> ! U1 setvar "media.present.present_type" "value" <i>Values:</i> 0 = Eject page when new page is printed 1 = Retract page when new page is printed 2 = Do nothing when new page is printed

odometer.retracts_count

Description This printer value records the number of times a label has been retracted since the last time the counter has been reset.

Supported Devices

- KR403

Type getvar; setvar



Note • For details on SGD command structure, see *Command Structure* on page 628.

This table identifies the parameters for this format:

Commands	Details
getvar	This command instructs the printer to respond with the current number of retractions that have happened since the last time the counter was reset. <i>Format:</i> ! U1 getvar "odometer.retracts_count"
setvar	This command instructs the printer to reset the current count of retractions. <i>Format:</i> ! U1 setvar "odometer.retracts_count" "value" <i>Values:</i> 0 = reset the counter <i>Default:</i> none