

## DISPLAY\_IMAGE

This command will direct the device to render an on-demand full screen image using data sent by POS. The image will be displayed for a specified timeout period. Optionally, up to two buttons, Cancel and Ok (Accept), can be displayed beneath the image.

**Device UI Required:** Yes

**Request Packet**

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	DEVICE	Type of function.
COMMAND	Required	Static value	N/A	N/A	DISPLAY_IMAGE	Command name
IMAGE_NAME	Optional	Character		40		Displays the image with the given name from the device. The image needs to be pre downloaded either using package or content download on the below device location: '/home/usr1/flash/www/'. If the file does not exist on the device, then POS will throw an error. The image name can be set as any name and the resolution is same as idle screen media resolution. This is applicable for VOS3 only.
IMAGE_DATA	Required	Base64 Encoded Data				Base64 encoded string (maximum 32,000) of JPG or PNG format to be converted to an image. This is an optional field if IMAGE_NAME is available.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
IMAGE_TIMEOUT	Required	Numeric	1	299		The duration of time to display image, in seconds. New DISPLAY_IMAGE command would cancel current timer and start the new timer as it comes in the new command. <b>Example:</b> 30
DISPLAY_BUTTONS	Optional	Boolean	N/A	N/A	<ul style="list-style-type: none"> <li>• 0 - Displays image only.</li> <li>• 1 - Displays 2 buttons under image: Cancel and Ok (accept)</li> </ul>	Type of display buttons to be sent.
BUTTON_LABEL1	Optional	Character	1	15		Text label to be displayed on the Cancel button.
BUTTON_LABEL2	Optional	Character	1	15		Text label to be displayed on the OK button.
HIDE_CANCEL_BUTTON	Optional	Boolean	N/A	N/A	<ul style="list-style-type: none"> <li>• TRUE - Displays only OK button.</li> <li>• FALSE - Displays Cancel and OK buttons.</li> </ul>	This field is applicable when DISPLAY_BUTTONS field is set 1.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
RETURN_SCREEN	Optional	List	N/A	N/A	<ul style="list-style-type: none"> <li>• IDLE_SCREEN - Return to SCA Idle Screen (Default).</li> <li>• SAME_SCREEN - SCA should remain on current image screen and await the next command from POS.</li> </ul>	Indicates whether SCA should return to Idle Screen or remain on current Image if POS plans to send additional images.
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Reconciliation field to be echoed back in response to POS. <b>Example:</b> RetailPOS1
COUNTER	Required	Numeric	1	10		COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. This is used to authenticate the POS. <b>Example:</b> 100

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
MAC	Required	Base64 Encoded Data	N/A	N/A	N/A	Message Authentication Code. This is used to authenticate the POS.
MAC_LABEL	Required	Character	1	50		Associated label that tells the device which MAC_KEY to use to decrypt the value of MAC. This is used to authenticate the POS. <b>Example:</b> REG1

**Example**

Following is an example of request packet

```

<TRANSACTION>
<FUNCTION_TYPE>DEVICE</FUNCTION_TYPE>
<COMMAND>DISPLAY_IMAGE</COMMAND>
<IMAGE_DATA>Base64 encoded string</IMAGE_DATA>
<IMAGE_TIMEOUT>30</IMAGE_TIMEOUT>
<COUNTER>1</COUNTER>
<MAC> ... </MAC>
<MAC_LABEL>REG2</MAC_LABEL>
</TRANSACTION>

```

**Response Packet**

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. <b>Example:</b> Image Details Captured
RESULT	Character		This indicates the Result details. <b>Example:</b> OK

Field	Type	Value	Description
RESULT_CODE	Numeric	Expected result code: -1 , 59001, 59040, 59042, 59043, 59049	This indicates the result code. Refer to <a href="#">Result/Error Codes</a> for details.
TERMINATION_STATUS	Character	SUCCESS or FAILURE	This indicates the transaction termination status. This is the overall status of the transaction irrespective of approved or declined. Like, if the output is generated then the status is SUCCESS and if no output is generated then the status will be FAILURE.
TIMEOUT_RESULT	Character	<ul style="list-style-type: none"> <li>• SUCCESS (if OK selected)</li> <li>• TIMEOUT (if message box times out)</li> </ul>	Return the timeout result with value mentioned in Value column. Not included in response for Classic implementation as of this publication.
CUST_BUTTON_DATA	Character	<ul style="list-style-type: none"> <li>• 1 - Cancel</li> <li>• 2 - OK</li> </ul>	Represents button selected information for Cancel and OK.
POS_RECON	Character		POS reconciliation field echoed back if sent in request. <b>Example:</b> RetailPOS1
COUNTER	Numeric		Echoes counter sent in the request. <b>Example:</b> 100

**Note**

By default, the buttons will appear with OK and Cancel labels, and buttons will contain the label on them.

**Example**

Following is an example of response packet

```
<RESPONSE>
<RESPONSE_TEXT>Image Details Captured</RESPONSE_TEXT>
<RESULT>OK</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<CUST_BUTTON_DATA>2</CUST_BUTTON_DATA>
<COUNTER>1</COUNTER>
</RESPONSE>
```