

TEST BARCODE

This command is designed to test the ability of the device to scan a barcode. BCTEST initializes and sets the scanner for level trigger mode. Once the command is executed the user may press the scan button to scan a barcode.

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	BARCODE	Type of function
COMMAND	Required	Static value	N/A	N/A	BCTEST	Command name
BCSCAN_ENCODE	Optional	List	N/A	N/A	<ul style="list-style-type: none"> • 0 - Encode both symbology and barcode data (default) • 1 - Encode only barcode data (removes symbology data) • 2 - Do not encode barcode data (removes symbology data) 	Encodes barcode scan.
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. Example: 4

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
MAC	Required	Base64 Encoded Data	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. Example: P_JTY065

Example

Following is an example of request packet

```
<TRANSACTION>
<FUNCTION_TYPE>BARCODE</FUNCTION_TYPE>
<COMMAND>BCTEST</COMMAND>
<MAC>...MAC>
<COUNTER>4</COUNTER>
<MAC_LABEL>P_JTY065</MAC_LABEL>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. Example: Command response 0
RESULT	Character		This indicates the Result details. Example: SUCCESS
RESULT_CODE	Numeric	Expected result code: -1, 59001, 59006, 59040	This indicates the result code. Refer to Result/Error Codes for details.

Field	Type	Value	Description
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.
BARCODE_DATA	Character		Barcode data. Example: AAgEATA0MTQxNTMxNzYzNQ= =
BARCODE_CODEID	Character		Returns unencoded. Example: 02
BARCODE_AIMID	Character		Returns unencoded. Example: 01
BARCODE_SYMBOLGY	Character		Returns encoded. Returns only if BCSCAN_ENCODE = 0. Example: 0001
COUNTER	Numeric		Echoes counter sent in the request. Example: 4

Example

Following is an example of response packet

```
<RESPONSE>
<RESPONSE_TEXT>Command response 0</RESPONSE_TEXT>
<RESULT>SUCCESS</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<BARCODE_DATA>AAgEATA0MTQxNTMxNzYzNQ==</BARCODE_DATA>
<BARCODE_CODEID>02</BARCODE_CODEID>
<BARCODE_AIMID>01</BARCODE_AIMID>
<BARCODE_SYMBOLGY>0001</BARCODE_SYMBOLGY>
</RESPONSE>
```