

REMOVE

This command removes line item(s) or 'offer'(s).

Device UI Required: Yes

Request Packet

| Field | Rule | Type | Minimum | Maximum | Value(s) | Description |
|--------------------|----------|-----------------------|---------|---------|-----------|--|
| FUNCTION_TYPE | Required | Static value | N/A | N/A | LINE_ITEM | Type of function |
| COMMAND | Required | Static value | N/A | N/A | REMOVE | Command name |
| LINE_ITEM_ID | Required | Numeric | 1 | 10 | | Line item ID for the item/offer. NOTE: It can be a required field if one line item is needed to remove. Removing more than one line items, will be requested in MERCHANDISE Child Elements and OFFER Child Elements section in LINE_ITEM_ID as a required field. Example: 1 |
| RUNNING_SUB_TOTAL | Optional | Floating point number | 1(2) | 6(2) | | Running subtotal. This field supports negative amounts. Example: 0.00 |
| RUNNING_TAX_AMOUNT | Optional | Floating point number | 1(2) | 6(2) | | Running tax total of the transaction. This field supports negative amounts. Example: 0.00 |

| Field | Rule | Type | Minimum | Maximum | Value(s) | Description |
|-------------------------|----------|-----------------------|---------|---------|----------|---|
| RUNNING_TRANS_AMOUNT | Required | Floating point number | 1(2) | 6(2) | | Running total of the transaction. This field supports negative amounts. Example: 0.00 |
| RUNNING_DISCOUNT_AMOUNT | Required | Floating point number | 1(2) | 6(2) | | Discount amount. This field is not supported on e235 device as it cannot be made visible on Line-Item screen due to space constraint. Example: -999999.99 |
| POS_RECON | Optional | Character | 1 | 30 | | POS reconciliation. POS Reconciliation field to be echoed back in response to POS. Example: 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. Example: 100 |

| 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: REG1 |

MERCHANDISE Child Elements

Note

Remove single or multiple merchandise items.

| Field | Rule | Type | Minimum | Maximum | Value(s) | Description |
|--------------|----------|---------|---------|---------|----------|---|
| LINE_ITEM_ID | Required | Numeric | 1 | 10 | Ex: 1 | Line item identifier supplied by the POS. This must be unique to the payment transaction. Example: 1 |

OFFER Child Elements

Note

Remove single or multiple coupons/ discounts to merchandise.

| Field | Rule | Type | Minimum | Maximum | Value(s) | Description |
|--------------|----------|---------|---------|---------|----------|--|
| LINE_ITEM_ID | Required | Numeric | 1 | 10 | | Line item identifier supplied by the POS. This must be unique to the payment transaction. Example: 1 |

Example

Following is an example of request packet

```
<TRANSACTION>
<FUNCTION_TYPE>LINE_ITEM</FUNCTION_TYPE>
<COMMAND>REMOVE</COMMAND>
<COUNTER>100</COUNTER>
<MAC> ... </MAC>
<MAC_LABEL>REG2</MAC_LABEL>
<LINE_ITEM_ID>1695155651</LINE_ITEM_ID>
<RUNNING_TRANS_AMOUNT>0.00</RUNNING_TRANS_AMOUNT>
<RUNNING_TAX_AMOUNT>0.00</RUNNING_TAX_AMOUNT>
</TRANSACTION>
```

Response Packet

| Field | Type | Value | Description |
|---------------|-----------|---|--|
| RESPONSE_TEXT | Character | | Processor response text. Example: Operation SUCCESSFUL |
| RESULT | Character | | This indicates the Result details. Example: OK |
| RESULT_CODE | Numeric | Expected result codes: -1, 59004, 59045 | This indicates the result code. |

| Field | Type | Value | Description |
|--------------------|-----------|---------------------|---|
| TERMINATION_STATUS | Character | SUCCESS and 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. |
| POS_RECON | Character | | POS reconciliation field echoed back if sent in request. Example: RetailPOS1 |
| COUNTER | Numeric | | Echoes COUNTER sent in the request. Example: 100 |

Transaction Performance Metric

Note

These fields are returned, if SCAPERFMETRIC parameter ([Application Parameters](#)) is enabled.

| Field | Type | Value | Description |
|-------|------|-------|-------------|
|-------|------|-------|-------------|

| | | |
|-----------|------|--|
| UI_TIME | Time | <p>This indicates the time duration, for which the device screen is displayed (like error message, prompt screen, remove card screen) till any user action is performed in the command execution flow. This field is not applicable to capture the time for the Processing, Authorizing and transaction status screen. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. Example: <code><UI_TIME>44.028</UI_TIME></code></p> |
| HOST_TIME | Time | <p>This indicates the time taken for the Connection to the host, sending request and receives data from the host. This field also take the cumulative time for multiple requests which may sent to the host during the transaction including two legged transactions, timeout requests, Auto Last Tran requests, DCC, Credit app proxy. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. Example: <code><HOST_TIME>1.389</HOST_TIME></code></p> |

| | | |
|----------|------|--|
| CMD_TIME | Time | <p>This field indicates the total amount of time for a command, which is executed by the application from request received to the response sent. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. Example: <code><CMD_TIME>70.765</CMD_TIME></code></p> |
|----------|------|--|

Example

Following is an example of response packet

```
<RESPONSE>
<RESPONSE_TEXT>Operation SUCCESSFUL</RESPONSE_TEXT>
<RESULT>OK</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<COUNTER>100</COUNTER>
</RESPONSE>
```