

SET DATE AND TIME

This command is used to set the device to a specific date and time.

Device UI Required: Yes

Request Packet

Field	Rule	Type	Min	Max	Value	Comments
FUNCTION_TYPE	Required	Static Value	•	•	ADMIN	Type of function
COMMAND	Required	Static Value	•	•	SETTIME	Command name
TIME	Required	Character	12	14		This indicates the time. The format would be YYYYMMDDhhmmss.
CONFIG_TIME	Optional	Boolean	•	•	0 - Disable 1 - Enable	Configuring time. If the value is set 1 then the application would take the time from Congiration parameter instead of TIME field.
POS_RECON	Optional	Character	1	30	Ex: RetailPOS1	POS reconciliation. NOTE: POS Reconciliation field to be echoed back in response to POS.
COUNTER	Required	Numeric	1	10	Ex: 100	COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. NOTE: Used to authenticate the POS.

Field	Rule	Type	Min	Max	Value	Comments
MAC	Required	Base64 Encoded Data	•	•		Message Authentication Code. COUNTER value encrypted by 128-AES MAC_KEY. This value is Base64 encoded. NOTE: Used to authenticate the POS.
MAC_LABEL	Required	Character	1	50	Ex: REG1	Associated label that tells the device which MAC_KEY to use to decrypt the value of MAC. NOTE: Used to authenticate the POS.

Example

Following is an example of request packet

```
<TRANSACTION>
<FUNCTION_TYPE>ADMIN</FUNCTION_TYPE>
<COMMAND>SETTIME</COMMAND>
<TIME>20210712091900</TIME>
<POS_RECON>RetailPOS1</POS_RECON>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Comments
RESPONSE_TEXT	Character	Ex: Operation Successful	Processor response text
RESULT	Character	Ex: OK	This indicates the Result details.

Field	Type	Value	Comments
RESULT_CODE	Numeric	-1 59001 59003 59006 59040	This indicates the result code. NOTE: Refer to Result/Error Codes section.
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.
TIME	Character	Ex: 20160521122005	Current time in YYYYMMDDhhmmss format. SCA is required to query and return the current date/time after it is set.
POS_RECON	Character	Ex: RetailPOS1	POS reconciliation field echoed back if sent in request.
COUNTER	Numeric	Ex: 100	Echoes COUNTER sent in the request.

Example

```

<RESPONSE>
<RESPONSE_TEXT>Operation SUCCESSFUL</RESPONSE_TEXT>
<RESULT>OK</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<TIME>20210712091900</TIME>
<POS_RECON>RetailPOS1</POS_RECON>
</RESPONSE>

```