API Introduction

- Invoke Method
- Message Structure
- Parameter Object

Invoke Method

Content	Description
Protocal	HTTP/HTTPS
HTTP Method	POST (application/json)
Message Type	JSON
Charset	UTF-8
Signature Algorithm	MD5

Message Structure

Request and response message are both use following structure

No.	Parameter	Format	Reference	Description	Memo
1	action	String	inquiry	Transaction Type	The specific interfaces with detail description
2	deviceNo	String	POS01	Cashier Terminal No.	To identify the Cashier Terminal used in this transaction
3	shopNo	String	CN123456	Shop No.	To identify the merchant / shop in this transaction
4	brand	String	663	Brand No.	To identify the Brand used in this transaction, allocated by e-Buy
5	body	String	BASE64	Message Detail	The specific interfaces with detail description

example

0x00
0xE7{"action":"inquiry","deviceNo":"POS01","shopNo":"CN123456","brand":"663","body":"ewogICAgICAgICAidHJhY2VObyI6ICI5OTAwMDAwOTEwMDAxMDEwMTczMjEyMyIsCiAgICAgICAgICJvcmlnaW5hbFRyYWNlTm8iOiAiOTkwMDAwMDkxMDAwMTAxMDE3MzIxMjQiCiAgICAgfQ=="}

- 00E7:The length of the message is 231 bytes

Parameter Object

Goods Detail

- JSON Key `goodsDetail`, mandatory

Field	Type	Mandatory	Description	Memo
goodsCategory	String	Yes	Goods Category	
goodsId	String	Yes	Goods ID	
goodsName	String	Yes	Goods Name	Used for report , receipt, slip printing
price	Price	Yes	Price	Unit : dollar
quantity	Integer	Yes	Quantity	
rebateCode	String	No	Rebate Code	Cashier Terminal has pre-set the discount, mandated
activityNo	String	No	Activity No	Once e-Buy backend system confirm transaction success, a transaction activity number will return back
memo	String	No	Memo	Once e-Buy backend system confirm transaction success, some information will return such as electronic voucher number

Fund Channel

- JSON Key is `fundChannel`, only in Response message, not mandatory

Field	Type	Mandatory	Description	Memo
channelNo	String	Yes	Channel No	Channel No
channelName	String	Yes	Channel Name	Channel Name

Field	Type	Mandatory	Description	Memo
channelAmount	Price	Yes	Channel Amount	Channel Amount

- supported fund channel

channelNo	channelName	Description
user_real_money	User paid real money	Example：Alipay balance，Alipay Yuebao，Wechat balance，Debit Card or Credit card etc.
user_balance	paid by user balance	Example：Alipay balance，Alipay Yuebao，Wechat balance etc.
user_bank_card	paid by user bank card	Example：Debit Card or Credit card
user_credit	paid by user e-Wallet credit	Example：Alipay huabei，Jingdong credit
user_points	paid by user points	Example：Credit card points，Tmall Points etc.
merchant_benefit	the benifit provided by merchant	Example：Merchant discount，Merchant voucher etc.
platform_benefit	the benifit provided by enterprise	Example：Payment platform discount, Payment platform voucher etc.
ebuy_benefit	the benifit provided by e-Buy	Example：e-Buy discount, e-Buy voucher etc

Print Detail

- JSON Key is `printDetail`, only in Response message, not mandatory

Field	Type	Mandatory	Description	Memo
cardNo64	String	No	The card number (first 6 digits and last 4 digits	The card number (first 6 digits and last 4 digits) is required to print as part of return message
bank	String	No	Credit Card issued organization	The Credit Card issued organization is required to print as part of return message
paymentOrderNo	String	No	Payment Order no.	Payment order no. is required to print as part of return message

Field	Type	Mandatory	Description	Memo
paymentUser	String	No	User account	User account need be printed.
pointSale	String	No	Point deducted	Point deducted is required to print as part of return message
qrCode1	String	No	Print QR code 1	QR code 1 is required to print as part of return message
qrCode2	String	No	Print QR code 2	QR code 2 is required to print as part of return message
qrCode3	String	No	Print QR code 3	QR code 3 is required to print as part of return message
barCode1	String	No	Print Bar Code 1	Bar Code code 1 is required to print as part of return message
barCode2	String	No	Print Bar Code 2	Bar Code code 2 is required to print as part of return message
barCode3	String	No	Print Bar Code 3	Bar Code code 3 is required to print as part of return message
content	String	No	Print Content	TLV Format□1F=Receipt title□2F=Receipt transtype
printMode	String	No	Print Mode	1=1 Receipt□2=2 Receipts□3=3 Receipts

Member Detail

- JSON Key is `memberDetail`, not mandatory

Field	Type	Mandatory	Description	Memo
memberId	String	Yes	Member ID	

Field	Type	Mandatory	Description	Memo
memberName	String	Yes	Member Name	
memberPhone	String	No	Member Mobile	
grade	String	No	Member Grade	
status	String	No	Member Status	
balance	String	No	Balance	
pointBalance	String	No	Point Balance	

Settle Record

- JSON Key is `settleRecord`, not mandatory

Field	Type	Mandatory	Description	Memo
activityNo	String	Yes	Activity No	
activityName	String	Yes	Activity Name	
productName	String	Yes	Product Name	
customer	String	Yes	Settle Customer	
isRefund	Boolean	Yes	Is Refund	
volume	Integer	Yes	Transaction Volume	
totalReceiptAmount	Price	Yes	Merchant Receipt Amount	
totalAmount	Price	Yes	Total Amount	

Trans Record

- JSON Key is `transRecord`, mandatory

Field	Type	Mandatory	Description	Memo
traceNo	String	Yes	Cashier terminal trace no.	
paidAmount	String	Yes	Paid Amount	
status	String	Yes	Match status	See detail

status

- 0 Initial
- 1 paidAmount e-Buy Backend = request

- 2 paidAmount e-Buy Backend > request
- 3 paidAmount e-Buy Backend < request
- 4 Does not exist in e-Buy Backend
- 5 Failed in e-Buy Backend
- 6 Reversed in e-Buy Backend
- 7 Rollbacked in e-Buy Backend
- 8 Refunded in e-Buy Backend
- 9 e-Buy Backend process failed
- 10 e-Buy Backend has, but Does not exist in Cashier POS