### 测试说明

1. 终端管理类接口：本业务中只做码和脸的可不做终端管理类接口，涉及刷卡的必须做。终端管理类相关接口使用说明和8583报文的规范请联系业务方索取。
2. 刷卡：测试环境使用的测试卡请联系银联的业务寄。生产环境请使用真实从银行办理的卡。
3. 刷码：测试环境使用的码可以从开放平台（https://open.unionpay.com/）仿真获取，路径为：开发接入-辅助工具-二维码仿真工具-被扫消费场景-付款方仿真。生产环境请使用真实从app中扫到的银联码。
4. 刷脸（使用智能POS做人脸识别）：贵司后续生产环境的人脸识别如果是调用我司智能pos的，因测试环境无相关设备和环境供测试，可使用开放平台（https://open.unionpay.com/）仿真获取模拟智能pos返回的识别结果数据，开发平台路径为：开发接入-辅助工具-全渠道卡码脸智能POS仿真，订单号、商户号、终端号必须填写正确，收单机构号可保持原值，金额必须大于等于后续要支付的金额。生产环境请使用真实智能pos刷脸获取的识别返回信息做支付。
5. 刷脸（直接调用人脸路由网关做人脸识别）：贵司后续生产环境的人脸识别如果是直接调用人脸路由网关的，请使用测试环境人脸路由网关做人脸识别，使用识别返回数据支付。

### 规范补充

#### 字段

1. tn：一笔交易及其后续交易的tn是一样的，方便商户和银联的人匹配原交易。tn本身唯一，tn可对应多个订单号（比如消费和退货是不同订单号），可对应多个流水号（比如消费可能超时了全渠道自己发了冲正，消费和冲正各有一笔流水号）。规范提到的“供查询和后续类交易使用”中的查询是指给银联查询交易时用，查询接口还是送订单号查的。
2. nonceStr：随便商户填写，符合规范就行，银联不会额外做处理。
3. accInsCode：一般不需要使用。上送则按机构证书验签，无其他用途。但机构号和机构证书的申请没有常规流程，一般无法申请到。
4. termEntryCap透传cups60.2.2，但全渠道规范里仅涉及刷卡需上送这个字段，所以全渠道规范仅出现刷卡相关的选项，不涉及其他选项。
5. 服务点PIN获取码（pinCaptureCode）透传cups26域，填终端支持采集的pin的长度，范围是04-12。
6. 应答码和交易状态相关字段：消费等交易看returnCode判断成功即可认为交易成功，失败时才需要看respCode、respMsg具体内容判断具体原因。查询接口需要returnCode成功后再看transStatus等交易状态字段判断交易状态。转账同步应答会出现transferStatus但可以不用看，会和returnCode状态一致的。比如一笔转账失败的应答报文如下：

|  |
| --- |
| bizContent={"accessType":"0","transferStatus":"TRANSFER\_OUT\_FAILED","orderId":"20200624075904000000","reqReserved":"test reqReserved......","respMsg":"持卡人身份信息、手机号或CVN2输入不正确，验证失败[1000005]","txnTime":"20200624075904","merId":"777290058110097","currencyCode":"156","respCode":"USER\_FACTOR\_ERROR","txnAmt":"1000"}  certId=69026276696  nonceStr=UIMR99bjnG  returnCode=RT4004  returnMsg=请求业务失败 |

1. merTransIndex：查询接口会原样应答，但目前并没有往发卡或者二维码的付款方送，大概没别的作用。

#### 接口

1. POS管理类接口不做刷卡交易可以不做，刷卡的必须做。终端管理类相关接口使用说明和8583报文的规范请联系业务方索取。
2. 冲正按订单号和时间匹配原交易，可重发发冲正，只要没日切都能返回成功。
3. 调冲正接口后不需要调查询。
4. 更新密钥：此接口本业务不需要调用。仅人脸识别直接走人脸路由的情况下才会用到加密证书，但此场景中加密证书没有新老并行期。证书到期前1-2个月银联会发通知，到时候注意更新就行。
5. 对账文件下载：本业务起源于CUPA，一般直接找收单机构对账（可使用应答报文中的settleKey和收单机构对，和收单流水文件前4个字段一致），所以业务方暂未考虑对本业务增加文件相关接口，但技术上可使用5.0.0或5.1.0的文件传输接口获取对账文件。因5.0.0、5.1.0接口签名验签算法和6.0.0接口不一致，如需使用请尽量参考demo，推荐用5.0.0接口，签名验签算法中的sha256、sha256withrsa改成sha1、sha1withrsa即可。接口规范和开发包可参考在线网关支付产品：https://open.unionpay.com/tjweb/acproduct/list?apiservId=448，对账文件格式规范：https://open.unionpay.com/ajweb/help/file。

### 报错

#### 终端管理类

##### 19000XX

为cupa返回xx应答码，可看cupa规范。目前已知有：

1900003可能是商户号在cupa不存在。

1900097可能为终端号在cupa不存在。

1900058可能为参数下载的批次号不正确；可能为终端未登陆。

1900096可能为网络管理信息码和交易类型等信息不匹配。

#### 联机交易

##### 系统繁忙，请稍后再试[8810002]

退货接口发生可能为订单号重复。

##### 与原交易信息不符[8804007]

退货接口发生可能为退货总金额超过原交易。

##### 已被成功退货或已被成功撤销[8804003]

退货接口发生可能为已全额退货。

##### 报文格式错误[8840000]

冲正接口发生可能为查找原交易失败，检查商户号、订单号、时间，注意观察是否已日切。

##### 无此业务权限，详情请咨询95516[8899004]

以下交易不支持冲正：退货、预授权完成撤销、预授权完成、预授权撤销。

##### 与原交易信息不符[8850008]

与原交易信息不符。

比如预授权完成金额超过了预授权的115%；

比如预授权完成撤销金额和预授权完成不符。

##### 原交易不存在或状态不正确[8850007]

交易状态不正常，比如预授权已撤销但有发起了预授权完成。

### 样例报文

#### 终端管理

##### 签到

[08:39:50|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.sign.in&signature=dic4WqnKTCWF%2Fv%2Fkkvf%2FDrPYE4Co4KVdrab6YgPMQfPlE8c2%2BVLO4RH6A8bZOOh%2BASB7PSAw0KTaDHdesHchbDApN2WiiqfuV1a1A9NWXqpBYbeMLr2PKoZDF7eRS38BeVXD6vBZ4qDBm5uujy9B%2B3B8NhKWKE%2BhqGD9c4XbOXqMUCcMO3CfTRFJMqx1QyBLAjcD%2FPzbZqqf1HegEZVNTN6ElUnOsp6238eaOBfP9BVFzrUxrqZg4A1GX8lpCMftQ7Ha5zFk2TYIle93%2BK3MJ5lKlhugjBCije%2BpdKRptDf8nUM4Ze7f1TL%2B%2F8Lkz6UqEA%2B8Mr7JfSmuxBN0rv8Pgw%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22orderId%22%3A%2220200624083947000000%22%2C%22txnTime%22%3A%2220200624083947%22%2C%22merId%22%3A%22700000000000005%22%2C%22termReqMsg%22%3A%22ADxgAAAAAGAiAAAAAAgAACAAAADAABIIOUgwMDAwMDAwMTcwMDAwMDAwMDAwMDAwNQARAAAABwBAAAMwMDE%3D%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=GJdWMJD3OP&signMethod=RSA-SHA256]

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##### POS参数传递

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##### 参数下载结束

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[08:41:18|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22termRespMsg%22%3A%22AEdgAAAAAGAiAAAAAAgQABgAAArAABAIQRgGJDA4NDExODAxNTYxNTAwMDAwMDAwMDE3MDAwMDAwMDAwMDAwMDUAEQAAABA3EA%3D%3D%22%2C%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22orderId%22%3A%2220200624084117000005%22%2C%22txnTime%22%3A%2220200624084117%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%22%2C%22merId%22%3A%22700000000000005%22%2C%22respCode%22%3A%22SUCCESS%22%7D&returnCode=RT1000&certId=69026276696&signature=UOm0JBXH6oAQVM6%2FQ68ShrPSC5qw0pGjdNvO36vpKL0qfVv4p3ZMwydYsrwTZMP7EAC9ClLS6%2Bq0B51YNpnV6%2FV%2BIfMwz3LJ9s9Zmmw0n6Yh%2BhDFXfczmVrEVIC%2FgqoTFv%2Br8mzpuON%2BijAmH44X413jF9pyZy5lnkuQl2s5o0nFXXItmE1w6n%2BXVGOpt2b0s7J7Yd0zhTZX2HtifpwJylkEPpZa8M%2Bv87pnLnsFWOq%2FdXRhKH3Dj1xhRU4DnNgwJvnRiF6YQ6KIvrZ8ZkeT%2FPOFW%2FnKTNrnZNgR5FX0uiUUsmHRwfbkU8RvmU106dTX10xSOZbVshov8ohjrC9azg%3D%3D&nonceStr=RHpNI2AjLu]

##### 批结算

[08:41:50|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.term.recon&signature=YGBAAieQVHYcAu%2Fk4Gf2yiaOnFwT1X7zlInhAIAL3tsaJw%2BBD1k2y1PsshrffshqpDtV8v%2BO4bbyvxFgwBVJpKNo8ERD4%2FrVzuX%2F6fKk%2F5sS%2FG%2BgnCxmW3gXdWRK5HN2V3fV8EhWSRULkDsMzmCIeLj4oCl7h6o4wJfpZ9yTyu8QIriGfeUh9N9jfeVduPe98rSPu6kERdf296SGpvY64T%2FuHKzzpOL6K%2BLcOkmjHRiwrjpYhkGee%2FCODBSGyEvLUSZzzDqitaXBWjwyevzb72I%2BwZuh%2FHeRQTrejLQ65g9%2FMtpcEn8unSScch0m8qnzd0NUnGMKvjccjfs6JyQyUQ%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22orderId%22%3A%2220200624084149000006%22%2C%22txnTime%22%3A%2220200624084149%22%2C%22merId%22%3A%22700000000000005%22%2C%22termReqMsg%22%3A%22AGBgAAAAAGAiAAAAAAUAACAAAADBgBIIQVAwMDAwMDAwMTcwMDAwMDAwMDAwMDAwNQBhAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADE1NgARAAAAECAQAAMwMDI%3D%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=1xdXbcnOi7&signMethod=RSA-SHA256]

[08:41:50|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22termRespMsg%22%3A%22AHhgAAAAAGAiAAAAAAUQADoAAQjBgBIIQVAIQUkGJAYkCAAJOTAwODQxNDkwMTU0MDcwMDAwMDAwMTcwMDAwMDAwMDAwMDAwNQBiAAAAAAAAAAAAAAAAAAAAEAAAAAAAAAAAAAAAAAAAATE1NgARAAAAECAQAAMwMDI%3D%22%2C%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22orderId%22%3A%2220200624084149000006%22%2C%22txnTime%22%3A%2220200624084149%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%22%2C%22merId%22%3A%22700000000000005%22%2C%22respCode%22%3A%22SUCCESS%22%7D&returnCode=RT1000&certId=69026276696&signature=rAj4jwGdRW4kcW3wdjKVi6jozp4B5Y9X0HRQev2kXqfyb0oMIP7MCcqT8kMcKDHg1Q1WnlBJKX2c%2FSFbGFBGL6jbdgbckLwRbeNQgRQc4PR0EQi3FvMe6cxpg95oIQBH5cXlD5Bz2mraCu3lz5MsjtjJi2ULQttnOZs%2FtsGRIR0QwdJrz%2BQZlMg8wcHZ2YdNz4h%2FumXPBniwvKjLsQeLnSrPEIBBWg4Ek%2BWY7e2ZurMriw1dF5gM9vK17ALi1zbuCGRoCSsrlEHbpSj%2Fw6ndtf7pLBmpDjMt0X71sbhyL%2B3ebdNQBMPtaBkLabBS3kLJ7QQK5H7ASenKbAVyYp1AUA%3D%3D&nonceStr=1xdXbcnOi7]

#### 联机交易

##### 统一支付（刷卡）

[08:43:00|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.pay&signature=nzPLQvuV%2F0bZhDEWPtZ2fyw3oShnGL8lZ1tiUMde%2FdieIPW2FdmY4nGgphie6Ns4VbeCeb2mgnAIXWkNdfcRG7AusZrg%2FrQfmeQSJkfUYZz3q0IQqQZN5p20qm%2Btfap9n07OLpO1JhD%2FP7udsBdtoqaco30X415buN%2B9ZxpjMef4xos8UCEVgJO72LjccanXwx6zJI%2BSOAqHQgQWIGNsWVSx2x6Xe1aqNK%2BANFQhSxjd0XcHsFxL65R0XspKHWaP2sHLry1ZzlnOd8CBAgFhPxEdFXh4wVZfccYQm3FucStjoGSOYXQEWZtT8g7%2BwSAJiiaFjd0dfiFxXCs7%2FN7Y0A%3D%3D&bizContent=%7B%22cardInfo%22%3A%%3D%22%2C%22orderId%22%3A%2220200624084259000007%22%2C%22upExtendReq%22%3A%7B%22pin%22%3A%226563ebf9dc3ba753%22%2C%22pinCaptureCode%22%3A%2212%22%2C%22riskRateInfo%22%3A%7B%22deviceName%22%3A%22%E8%AE%BE%E5%A4%87%E5%90%8D%22%7D%7D%2C%22channelType%22%3A%2211%22%2C%22operId%22%3A%22%E5%95%86%E6%88%B7%E6%93%8D%E4%BD%9C%E5%91%98%E7%BC%96%E5%8F%B7%22%2C%22scene%22%3A%2201%22%2C%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22termInfo%22%3A%7B%22lac1%22%3A%229F9F%22%2C%22termDeviceType%22%3A%2201%22%2C%22serialNum%22%3A%22123456789%22%2C%22mnc%22%3A%2200%22%2C%22sig2%22%3A%225D5D%22%2C%22sig1%22%3A%227B7B%22%2C%22lac2%22%3A%226C6C%22%2C%22latitude%22%3A%22-03.561345%22%2C%22networkLicense%22%3A%22P3100%22%2C%22cid1%22%3A%228A8A%22%2C%22longitude%22%3A%22121.483527%22%7D%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624084259%22%2C%22merId%22%3A%22700000000000005%22%2C%22currencyCode%22%3A%22156%22%2C%22txnAmt%22%3A%221000%22%2C%22opShopId%22%3A%22%E5%BA%97%E9%9D%A2%E7%BC%96%E5%8F%B7%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=LDX6LGr9zh&signMethod=RSA-SHA256]

[08:43:03|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084259000007%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624084259%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22741678756297580845520%22%2C%22upExtendResp%22%3A%7B%22cardOrg%22%3A%22CUP%22%2C%22accNo%22%3A%22622500\*\*\*\*\*\*0253%22%2C%22settleAmt%22%3A%221000%22%2C%22settleCurrencyCode%22%3A%22156%22%2C%22settleDate%22%3A%220624%22%2C%22issHeadName%22%3A%22%E8%81%94%E6%9C%BA%E4%BB%BF%E7%9C%9F1106%22%2C%22acqInsCode%22%3A%2200013930%22%2C%22issHeadCode%22%3A%2290880051%22%2C%22settleKey%22%3A%2200013930+++00049993+++2876500624084259%22%2C%22acqInsName%22%3A%22%E5%8E%A6%E9%97%A8%E5%88%86%E5%85%AC%E5%8F%B8%22%7D%2C%22currencyCode%22%3A%22156%22%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=wPDX25%2F66vVc3tQdmUojFil8pZwaqAM2ydYdWy2tfgrMreghTRpaFmpq3oBIp1o73kDv%2FRJJvSjNXL10NBhPWlWQISgXnehI%2BuAeZ4D79yQ0UptD7FG3RRwBBn%2BcqUbFpHjIhAOYfhu4%2BSwUJeuMabxJYV%2F15%2F42fghxT9maK8gUfIAVnNhUM25l8TaRCzqt9E8HhN74TuYuK3%2F%2BvDZ7Y5L7p%2F7wQQuRSFCPNm6MadQkYlkbkYmwaphCiXFibdEQv8tXZGReAjyufbHHe7y93E3K0JYO0%2BivaMPglprNC8X4VuxPXPtMSgfOMSvcqUYOlMocNNuLBytV7HXT06hwXQ%3D%3D&nonceStr=LDX6LGr9zh]

##### 统一支付（刷码）

[08:45:17|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.pay&signature=J2CQeGf5Csfp8HOm6%2BzZNYg%2FpQx1%2B3t3ZW0pnC%2FpCBKoq7hKR2FbmjjRdxQmT%2BVKpBCjZto7WCvk7v8RPLVBxkBpYLjE4edrzhSm31jXXYCHAspX1Ty92IoqpuzWYumq5Uhy6xyMcQr9PZqKFD%2BkFnAurt7X74LVcGQadruMdvNnFmalbQVhjgm4bweyktBVyF0SScIYZIU%2BIxTPiZbS2GqSD%2BlIIrAYmp14%2BCfAqNcHgglSaqQWdnIiIMEc4kM3d6iqKoYP3JYPb%2BylpWO4RHG66HHaVtzBeMUD4WABk85GLGzmLo24ibI5ndkJ8V5Zdzipwn6OMS0oxOJA0Zg1hw%3D%3D&bizContent=%7B%22authCode%22%3A%226228313267756184232%22%2C%22orderId%22%3A%2220200624084350000008%22%2C%22upExtendReq%22%3A%7B%22riskRateInfo%22%3A%7B%22deviceName%22%3A%22%E8%AE%BE%E5%A4%87%E5%90%8D%22%7D%7D%2C%22channelType%22%3A%2211%22%2C%22operId%22%3A%22%E5%95%86%E6%88%B7%E6%93%8D%E4%BD%9C%E5%91%98%E7%BC%96%E5%8F%B7%22%2C%22scene%22%3A%2202%22%2C%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22termInfo%22%3A%7B%22lac1%22%3A%229F9F%22%2C%22termDeviceType%22%3A%2201%22%2C%22serialNum%22%3A%22123456789%22%2C%22mnc%22%3A%2200%22%2C%22sig2%22%3A%225D5D%22%2C%22sig1%22%3A%227B7B%22%2C%22lac2%22%3A%226C6C%22%2C%22latitude%22%3A%22-03.561345%22%2C%22networkLicense%22%3A%22P3100%22%2C%22cid1%22%3A%228A8A%22%2C%22longitude%22%3A%22121.483527%22%7D%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624084350%22%2C%22merId%22%3A%22700000000000005%22%2C%22currencyCode%22%3A%22156%22%2C%22txnAmt%22%3A%221000%22%2C%22opShopId%22%3A%22%E5%BA%97%E9%9D%A2%E7%BC%96%E5%8F%B7%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=GnzuPkPrzK&signMethod=RSA-SHA256]

[08:45:17|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084350000008%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624084350%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22858155583143897531420%22%2C%22upExtendResp%22%3A%7B%22cardOrg%22%3A%22CUP%22%2C%22accNo%22%3A%22621626\*\*\*\*\*\*\*\*\*2485%22%2C%22settleAmt%22%3A%221000%22%2C%22settleCurrencyCode%22%3A%22156%22%2C%22settleDate%22%3A%220624%22%2C%22appCode%22%3A%2290880019%22%2C%22issHeadName%22%3A%22%E5%B9%B3%E5%AE%89%E9%93%B6%E8%A1%8C%22%2C%22acqInsCode%22%3A%2200013930%22%2C%22issHeadCode%22%3A%2204100000%22%2C%22settleKey%22%3A%2200013930+++00049993+++3964510624084516%22%2C%22acqInsName%22%3A%22%E5%8E%A6%E9%97%A8%E5%88%86%E5%85%AC%E5%8F%B8%22%7D%2C%22currencyCode%22%3A%22156%22%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=SRsG1V0B%2FL5%2FwWQnpsykCSTOsL3NajzLUO4MkqFzRqevT4uYFrtQb40GuXEsuFtNn9DdJWsBYqblYKgB%2Bs%2BtTxMy1VBQpnOHdKquTNrN45HykPzOxRHCnO5NoGGBV9FSz2CWV7HHhcfScXg7R%2B%2BwkebpmJ0Z4bkT5MOscDdeDSVyNtor9TSxBQWJKY%2BCqTXLVT1sdYBlbfHtieQQLM76pNFMngkrkXz2LWhZyGqty94eTpO%2F7omv%2Fnzz2qmypMYpjsVk9Me%2BDsAgwOYR6abJloEONT5Y66OBW%2FzXQ6cz8ny%2FXIdotQJ1WZx4i3JM%2FGgnVFaCtefGF1cnJa%2FwkR2iFQ%3D%3D&nonceStr=GnzuPkPrzK]

##### 统一支付（刷脸）

[08:46:31|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.pay&signature=XRa2nELATn1IQqWpq654fuxu5KLjw%2BwzaHH%2Bi14TSpsQsL19IAjyQTM%2FKNBLr7is03FIuszVNzhT5aXqOK5YR%2BXMfie6nuUgH5bCwTZRGDa3jLucbNuSl0lPEgpwhRkeO00YOO7zoSh6Ch1YluuA67IcBDnKCqWAGYteUdLk2bGqhQrfKnHpFkEHH3vCBoy19om1zs8tlIVdVptdz5l7O7wxHeK9FGU1St9z6Z%2FIWGrWgRLPBPUV5a%2BJgUrBr2%2FofEQSo1yJvHW6cfAFOp%2BeiLARPFN1tM8dYELVS7qNRN09R0NzqQeJMn8uO5B6y1RvV7ITbZG9SRQ4u08YFOF7jg%3D%3D&bizContent=%7B%22authCode%22%3A%226235245000030264296%22%2C%22orderId%22%3A%2220200624084616000009%22%2C%22upExtendReq%22%3A%7B%22pin%22%3A%22da%2Bwfn07vf7TVpWsi91Zk1DSBXchqdn9GJxioamBCdXNmAxxBsg2Of%2F%2B8SSG%2FnV3xSbNqBvn4D2uOrEq5Iza5cnRSUU%2Bbac17csA%2FiAOeihvlb7jVHXSe9y87fiGQ3vcfe4qf%2B1uMCuM4SLvrSlXzHYAc7TqwRY4BYM3GrLakuQnbDWgV9QIIGmASJNfZLx6%2BIjRDLzAPTDWV6RmC%2F%2Fo2%2FDbi%2BfaiJnuXg4gvzhlYQU2n5P8piQ4TWblAJINguBKJ96MQmr2w7K0GEeS2goawr4QMsvvJmBsZdWcJoWFUMkJc2txcuV3qrpnKzxgp78Og30JSbr%2BVjCV%2B5vJxPsqxg%3D%3D%22%2C%22riskRateInfo%22%3A%7B%22deviceName%22%3A%22%E8%AE%BE%E5%A4%87%E5%90%8D%22%7D%7D%2C%22channelType%22%3A%2211%22%2C%22operId%22%3A%22%E5%95%86%E6%88%B7%E6%93%8D%E4%BD%9C%E5%91%98%E7%BC%96%E5%8F%B7%22%2C%22scene%22%3A%2203%22%2C%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22termInfo%22%3A%7B%22lac1%22%3A%229F9F%22%2C%22termDeviceType%22%3A%2201%22%2C%22serialNum%22%3A%22123456789%22%2C%22mnc%22%3A%2200%22%2C%22sig2%22%3A%225D5D%22%2C%22sig1%22%3A%227B7B%22%2C%22lac2%22%3A%226C6C%22%2C%22latitude%22%3A%22-03.561345%22%2C%22networkLicense%22%3A%22P3100%22%2C%22cid1%22%3A%228A8A%22%2C%22longitude%22%3A%22121.483527%22%7D%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624084616%22%2C%22merId%22%3A%22700000000000005%22%2C%22merTransIndex%22%3A%22%E5%8F%AF%E4%BB%A5%E5%A1%AB%E8%87%AA%E5%B7%B1%E7%9A%84%E8%AE%A2%E5%8D%95%E5%8F%B7%22%2C%22currencyCode%22%3A%22156%22%2C%22txnAmt%22%3A%221000%22%2C%22opShopId%22%3A%22%E5%BA%97%E9%9D%A2%E7%BC%96%E5%8F%B7%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=ht8wjJqyNG&signMethod=RSA-SHA256]

[08:46:34|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084616000009%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624084616%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22817112208888780739420%22%2C%22merTransIndex%22%3A%22%E5%8F%AF%E4%BB%A5%E5%A1%AB%E8%87%AA%E5%B7%B1%E7%9A%84%E8%AE%A2%E5%8D%95%E5%8F%B7%22%2C%22upExtendResp%22%3A%7B%22cardOrg%22%3A%22CUP%22%2C%22accNo%22%3A%22621214\*\*\*\*\*\*\*\*\*0205%22%2C%22settleAmt%22%3A%221000%22%2C%22settleCurrencyCode%22%3A%22156%22%2C%22settleDate%22%3A%220624%22%2C%22issHeadName%22%3A%22%E8%81%94%E6%9C%BA%E4%BB%BF%E7%9C%9F1106%22%2C%22acqInsCode%22%3A%2200013930%22%2C%22issHeadCode%22%3A%2290880051%22%2C%22settleKey%22%3A%2200013930+++00049993+++0564020624084616%22%2C%22acqInsName%22%3A%22%E5%8E%A6%E9%97%A8%E5%88%86%E5%85%AC%E5%8F%B8%22%7D%2C%22currencyCode%22%3A%22156%22%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=lmLavTNmx3AGUS%2FzqMIvK6nMzIWyxiwLv3hd1EhZdUKLcmcA2OqkyWltiwf5jZOMXRlTmRF93CHKPvrqvqYIUi3EtNzPxfFzoOUOGuXCdXyYPyMSaFepoD6zDsz17iHZVJxM7MEhFX6EiKA8ns30In20AsUJm6rQkJi9iXe4hPkJzR5fsUcqc9jHEbqWUhvSgFDNL1RuOHeLeisKBUrCmxeJ7oEAM7d0CZNQO35Dqn%2BdyadUwptngKt%2F43ssAn%2BJwcOG%2BuJ2ch%2FJsSALGZVQn3J9ep%2B5krQJKh1Px9EBvjgtTeqQQNJcDEWV8XlCpLmbnpFxLTzpVc7iDyJKOt3nDg%3D%3D&nonceStr=ht8wjJqyNG]

##### 退货

[08:47:21|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.refund&signature=tYPz5hLZRftA%2BYThj%2FwV37E1I61w4%2Faq5xar64GGJkZrTR4M9egNQXI4qWWs1WgNqc0oAVj5gzHXL4pWWZeCXCgXNtsZjgrBz9%2BeOYA5j8Vv2l%2Fr%2B7ljf0sgqJTaAhm8KyivlK%2F5Zal8belSv932QFa%2BiEers8IyrxevcPekLVmAjclB%2FiLpcSj2XjM3MRdDqy76RjcEWAJ4CewFSKDF72y%2FATHYDJ9WJLNvs0zDenq3N97nGYvGX%2BqXcD0xNdM5KjDP%2B9kLReG15%2BD1Qmyn%2BXVyuLQI7viEXCfj7bzQY4A2AexIo9ZdDivVtB4v4lHbLmSwaAgBcVZrMOb0tZmyLQ%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084704000010%22%2C%22origOrderId%22%3A%2220200624084616000009%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624084704%22%2C%22origTxnTime%22%3A%2220200624084616%22%2C%22merId%22%3A%22700000000000005%22%2C%22origTn%22%3A%22%22%2C%22txnAmt%22%3A%221000%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=m991wOayDL&signMethod=RSA-SHA256]

[08:47:21|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084704000010%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624084704%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22866913778237373101620%22%2C%22upExtendResp%22%3A%7B%22settleAmt%22%3A%221000%22%2C%22settleCurrencyCode%22%3A%22156%22%2C%22settleDate%22%3A%220624%22%2C%22settleKey%22%3A%2200013930+++00049993+++2879000624084704%22%7D%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=eq1jeWjv51tk8fqhGZW7z6j7Dt1HvDh3czqqJRu3bGCy7a4dz6nxDXzsiOS7fH2cuFHEm7qjUnbDH7g2sWvofzhnNadprCpgI1Sqkd9N21WYbyYQYzU%2BH%2B0xcw3%2Fap0oqbeqXxMvRO2S8b3Okd%2FaWkzfpUt5e33WOHvLaG3S2UP6HbvNhfkuXtS99cPkUrTjuSmwyelifYHX1IiXhCwpVdn%2BO3GjWxNtaBqfgOuvLCoF%2BAGE3W1PtuTRxKQtK8lH3iMZ%2FoB4hCDgGI0S8MjsTYoMWkAvqqSYU50Fk%2FzHoMkWPdC%2FKvTiQchN%2BIr4xGC4Wcvm%2BtDxe1Uk6Xryf8PA%2Bg%3D%3D&nonceStr=m991wOayDL]

##### 冲正

[08:47:52|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.reverse&signature=sqNMhqAFc%2BGNET7FSsLBu6jiJ1GqYGiG%2FdJ0gxiG6Bcma%2BhxqVFMvYy25bvVhplGg8ts6ofeBz2bfD%2B8JiilgYfsB%2BXIvIRpZSYGvwmbPyv%2F4E9ZmT7FZgA57augxmbTiWPzhZIE0FZADoOwyW2pBPl2QXPRmbgtVcMaFBNNhK1otXpEnnuiTcIwn2Ci28UE1hPyWztQ2qAAnWMfwolWCW5uvM8D8raJyOoI3BrzVdSq4Cz5hhgYnqY05uS66pcB1dw8v0wAjjXdgA%2FaKOlB0qKg8e9zjOFG7gtS1YqYD6wzAzTch%2BR6cupa2zv%2BwpwZxNE23WFAUFiwNhUjQuw84A%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084350000008%22%2C%22txnTime%22%3A%2220200624084350%22%2C%22merId%22%3A%22700000000000005%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=OVWSpSgs6P&signMethod=RSA-SHA256]

[08:47:52|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084350000008%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624084350%22%2C%22merId%22%3A%22700000000000005%22%2C%22respCode%22%3A%22SUCCESS%22%7D&returnCode=RT1000&certId=69026276696&signature=LKkYNLenlbxihtTYLoJVjEw2V95mspzrWPZt%2F1%2FqYbSXU8guNsXLnyo4k9YiVkfF%2BTfnI7PHeu5EDKiss%2F70xFQ8qq4kEWC56F4SKZFHkf6ixd0Id6OTrywdpuPGP2mCotwiFcPXrvidr1AoA%2F50tPguaxcWs14wppBAomhSurTy6nNTds2ej2kNXIWGjAw7rp67pvUnXukqTIMA7fe0JL1ZKstImZF1IQ9%2Bi3PjJ8GdvUbZ0bOhV3dTYpYQGUs4zjDRpoFeq1RKjE36FEQrDf7%2FGGa%2FDNLYej7wIh1%2BoT0Ehs7ubEJzslIFRX1ukLfGHVNiwpyPaa6BhLKwDBQo%2Fw%3D%3D&nonceStr=OVWSpSgs6P]

##### 交易状态查询

[08:49:19|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.query&signature=hQtYiZ6QL9dbpmVgfmJe6%2F7KVqQZOKVH8JVFMXotJzNUZx5nTSpyZvJiMyVyO%2F1wtcLq8USpXTCiaHhfYXr2VRcEO3qCd9cgMDB6qmtaLIOkAzK%2BOZ%2BL0dDIOcOVZcWj0tuPmxBeBdxsofN8HrhQkMzT2sg1HNLWkRrBHNFKLWxpYRqBWXDhUZDKOtnjL0UsjTsRR3wwGFQdl2EB6b74StUQP8DBE%2FN%2FzS2HcDulv3SVs3M0scY8Nta6WFxS3it19FE5FbNFvKzIEq%2FpmDBErsAVroU1LXFYVqocS2jACjKd1Ev4Q41CXdOQ4L%2FUp6OaFN5sh9V1he58pvbIPjoElw%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084616000009%22%2C%22txnTime%22%3A%2220200624084616%22%2C%22merId%22%3A%22700000000000005%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=YdK2iJyPvJ&signMethod=RSA-SHA256]

[08:49:20|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22orderId%22%3A%2220200624084616000009%22%2C%22accessType%22%3A%220%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624084616%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22817112208888780739420%22%2C%22merTransIndex%22%3A%22%E5%8F%AF%E4%BB%A5%E5%A1%AB%E8%87%AA%E5%B7%B1%E7%9A%84%E8%AE%A2%E5%8D%95%E5%8F%B7%22%2C%22origBizMethod%22%3A%22acp.trade.pay%22%2C%22upExtendResp%22%3A%7B%22cardOrg%22%3A%22CUP%22%2C%22accNo%22%3A%22621214\*\*\*\*\*\*\*\*\*0205%22%2C%22settleAmt%22%3A%221000%22%2C%22settleCurrencyCode%22%3A%22156%22%2C%22settleDate%22%3A%220624%22%2C%22issHeadName%22%3A%22%E8%81%94%E6%9C%BA%E4%BB%BF%E7%9C%9F1106%22%2C%22acqInsCode%22%3A%2200013930%22%2C%22issHeadCode%22%3A%2290880051%22%2C%22settleKey%22%3A%2200013930+++00049993+++0564020624084616%22%2C%22acqInsName%22%3A%22%E5%8E%A6%E9%97%A8%E5%88%86%E5%85%AC%E5%8F%B8%22%7D%2C%22currencyCode%22%3A%22156%22%2C%22respCode%22%3A%22SUCCESS%22%2C%22transStatus%22%3A%22REFUNDED%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=LHiwhJeARvxiysaLHvPBjuhHxE2Z%2B0hmdxlXy3oeYXcCz%2BOb7O5ClMMUkW1dWxt8RG8BG9VWM8nTWmEzN5d%2BQXrX2x2kjuqfFCUTUOYTh%2BM9WUbh74NZkvuHhmW%2F3Hnl%2FfAsH5PWLQ1HiZM4LyOhafiEZjiChfiQb%2B32kKADMIz7%2Fy9G7JMBXeOPJZEL2%2F6naJkKP%2FVgT7kVzGYw0d2dpAqTXqCYHe3DnXeQaRveIRgtgbQ%2BEKzI1LogtcpmrBXD2ehMHuEf6q7P0aN%2FL28MGCd45YggOdD%2FtF7o56QXeX3fANZRwsqv%2BMQSUNB4c9025mlFEPajL2h%2F0w6pMc41Xw%3D%3D&nonceStr=YdK2iJyPvJ]

##### 预授权（刷卡）

[08:50:01|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.auth&signature=ie4Uso4cQoHTgIxxgkT22r5P02TDukIuO3VCnnAlvo4ZWAazohNJVA32IhjaRH13Fwu6A6RUushz8z7RdeWH%2BS6akNb6d8REkqJRsMLp2mqTIDiNaZyFWwhSGtOgj0eZN09ISHpMbT3lnccCD52YEe6IxYkv0efH8%2BdC%2B4h9YzrH%2BMZOBhW%2FZaOhwplXT9rlKR0wgwCbfcf7pPesFU8f8RzBZ4iYNaFsE%2F3N7b%2ByDUpy8ZzgudE1ppIDGdp%2BslwRIP3FC1g3BjdNTfZ4CgK83dj55fJLYOc%2F6ljdZN97Si9JRWM%2BdUrz0ZsDOmEKt1YX6%2BQACeMw%2FFlHGeEGkgUTrQ%3D%3D&bizContent=%7B%22cardInfo%22%3A%%3D%22%2C%22orderId%22%3A%2220200624084959000011%22%2C%22upExtendReq%22%3A%7B%22pin%22%3A%226563ebf9dc3ba753%22%2C%22pinCaptureCode%22%3A%2212%22%2C%22riskRateInfo%22%3A%7B%22deviceName%22%3A%22%E8%AE%BE%E5%A4%87%E5%90%8D%22%7D%7D%2C%22channelType%22%3A%2211%22%2C%22operId%22%3A%22%E5%95%86%E6%88%B7%E6%93%8D%E4%BD%9C%E5%91%98%E7%BC%96%E5%8F%B7%22%2C%22scene%22%3A%2201%22%2C%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22termInfo%22%3A%7B%22lac1%22%3A%229F9F%22%2C%22termDeviceType%22%3A%2201%22%2C%22serialNum%22%3A%22123456789%22%2C%22mnc%22%3A%2200%22%2C%22sig2%22%3A%225D5D%22%2C%22sig1%22%3A%227B7B%22%2C%22lac2%22%3A%226C6C%22%2C%22latitude%22%3A%22-03.561345%22%2C%22networkLicense%22%3A%22P3100%22%2C%22cid1%22%3A%228A8A%22%2C%22longitude%22%3A%22121.483527%22%7D%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624084959%22%2C%22merId%22%3A%22700000000000005%22%2C%22currencyCode%22%3A%22156%22%2C%22txnAmt%22%3A%221000%22%2C%22opShopId%22%3A%22%E5%BA%97%E9%9D%A2%E7%BC%96%E5%8F%B7%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=C1wTBiIFvT&signMethod=RSA-SHA256]

[08:50:03|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624084959000011%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624084959%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22898925204871977320620%22%2C%22upExtendResp%22%3A%7B%22cardOrg%22%3A%22CUP%22%2C%22accNo%22%3A%22622500\*\*\*\*\*\*0253%22%2C%22issHeadName%22%3A%22%E8%81%94%E6%9C%BA%E4%BB%BF%E7%9C%9F1106%22%2C%22preAuthId%22%3A%22064257%22%2C%22acqInsCode%22%3A%2200013930%22%2C%22issHeadCode%22%3A%2290880051%22%2C%22settleKey%22%3A%2200013930+++00049993+++8816490624084959%22%2C%22acqInsName%22%3A%22%E5%8E%A6%E9%97%A8%E5%88%86%E5%85%AC%E5%8F%B8%22%7D%2C%22currencyCode%22%3A%22156%22%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=nG5eYHEWy%2B8VnQ81vml1MFOb2GiYEfZ2gLmpZkr94tg4P9XsKXRhhPSx8apAdkOvL4kq2MiQRxuMJAGCUex7kabEISeSUw%2FQ2mRVErI5k0hDb506JPANMHC67DrNaX4VLfCLtHWsCcKmWgsJusiKLO%2Bmzk7XyVxTogV4TVhdzTRIjz4nl6%2BWzorG%2BcS9Th%2FZL3vs1PTWTblYk%2B4pDY1bwZ%2Bywpxjq52iqyaHyjCSR9Y0KwPBqp6b69zx2AJ1OaKXTNS3RsPGkranNA6ipZx3He%2BqbNTLa%2BYuNXCCcw%2BjyZFWoVy5vJVWn2LaqMv69XBJ8UsfF1fYPfiX2zoU2%2Fob1A%3D%3D&nonceStr=C1wTBiIFvT]

##### 预授权（刷码）

[08:50:34|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.auth&signature=Ii3ld08fwkSPXlIsedETfb7C4Y5UfTs%2BjojMUY6BtlnoefujWaZlPkeA26z983Z7EfGS4BUw8Gn%2BbgK9MU9L%2FI17SRWNrD7t705rBj8o1DlaNJrOk%2Fdp6oBwTsv7oXkPofM2l7BXzu9bvzOCBXZ7SzY1qS2iJUVOJsONzO9AOmxrL3s9c5Rld41QLWwkat8sXQ3siURhDvAJYhgqH5uPz3ad9STwL4vQyY%2F2Uk%2FQ5y2GYsTu%2FqEjO1CzDaJ6GwpF4j8mZ7DOVCtYI%2F9Udcl3yiXuDxsQWYbbMRjA0nIUP4MvIB%2Byod11KHFwnAS52Sa5hIWiTkylXlRTDHPQuF7mSA%3D%3D&bizContent=%7B%22authCode%22%3A%226223906426513248742%22%2C%22orderId%22%3A%2220200624085028000012%22%2C%22upExtendReq%22%3A%7B%22riskRateInfo%22%3A%7B%22deviceName%22%3A%22%E8%AE%BE%E5%A4%87%E5%90%8D%22%7D%7D%2C%22channelType%22%3A%2211%22%2C%22operId%22%3A%22%E5%95%86%E6%88%B7%E6%93%8D%E4%BD%9C%E5%91%98%E7%BC%96%E5%8F%B7%22%2C%22scene%22%3A%2202%22%2C%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22termInfo%22%3A%7B%22lac1%22%3A%229F9F%22%2C%22termDeviceType%22%3A%2201%22%2C%22serialNum%22%3A%22123456789%22%2C%22mnc%22%3A%2200%22%2C%22sig2%22%3A%225D5D%22%2C%22sig1%22%3A%227B7B%22%2C%22lac2%22%3A%226C6C%22%2C%22latitude%22%3A%22-03.561345%22%2C%22networkLicense%22%3A%22P3100%22%2C%22cid1%22%3A%228A8A%22%2C%22longitude%22%3A%22121.483527%22%7D%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624085028%22%2C%22merId%22%3A%22700000000000005%22%2C%22currencyCode%22%3A%22156%22%2C%22txnAmt%22%3A%221000%22%2C%22opShopId%22%3A%22%E5%BA%97%E9%9D%A2%E7%BC%96%E5%8F%B7%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=0corX9WGn4&signMethod=RSA-SHA256]

[08:50:35|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624085028000012%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624085028%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22836844047246507981620%22%2C%22upExtendResp%22%3A%7B%22cardOrg%22%3A%22CUP%22%2C%22accNo%22%3A%22621626\*\*\*\*\*\*\*\*\*2485%22%2C%22appCode%22%3A%2290880019%22%2C%22issHeadName%22%3A%22%E5%B9%B3%E5%AE%89%E9%93%B6%E8%A1%8C%22%2C%22preAuthId%22%3A%22232316%22%2C%22acqInsCode%22%3A%2200013930%22%2C%22issHeadCode%22%3A%2204100000%22%2C%22settleKey%22%3A%2200013930+++00049993+++1239010624085028%22%2C%22acqInsName%22%3A%22%E5%8E%A6%E9%97%A8%E5%88%86%E5%85%AC%E5%8F%B8%22%7D%2C%22currencyCode%22%3A%22156%22%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=gGi1FiYX1pZqDQUc%2B5g31Jq%2FImuqgp%2Bms9fgnRe1aTpxvfjK0uTPv2J4%2BBrR6JRQrGGzPwKksVQhhDWMlR3XRGpvJej%2Fsy8XYqN2NAva%2BhTddWQSm27i2DX1ZkeEe%2FX2WKuD6JxzSpUmUzKgo66IG27FxXdc05ESBBcHeYpNhT1SVYy2UdmhUVRxsQcDXEW97qkGBaSR1BrSTIg58tTXjFOSeSa4HRDBUAnGWueFCbJpLRQqHoXviIRGNIwQ5K%2FliJVXMph0r95DtyLlZ2bjoK10wdlqHESabBtVpTO%2BDoQGR%2BWIk6fjRp6Xup6lVL1aqGxky4kCORVkHe7Ok%2F8%2Ftg%3D%3D&nonceStr=0corX9WGn4]

##### 预授权（刷脸）

[08:51:08|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.auth&signature=S8fnir2qvAwi20PfeFmU%2F0zE7tQ58WOsR%2BxBDi2EAnK0s%2BC8DaugDYG6%2F%2BvGCfTG5KFx0aJa6Wz1akGJuppAo2gocNU2EXCw%2FPb8ptrl6BjFx7%2BXCVPxh6lCfM2jAFKOre%2F%2FU2NKt5x538tbfhK7pjwsoMnSEQD2AxTKGBqDWF8WbuGehn0NFzBRMLjNLrpT8mNhzPO4XSlE1YUlveLnISEgu%2BD8%2FR4uqoBG7Cv9ogyqV9kdP%2BBYjf4HpRtpV1LgYB%2BiwdzbxptKH37Rm%2Bk8t5owXKOHeIaydFhjT7YnOUGKqWMzRubvL33pDwHwXNwspu3g%2BZ0Ix%2F0BN7Ugc6M%2B7g%3D%3D&bizContent=%7B%22authCode%22%3A%226235245000030267273%22%2C%22orderId%22%3A%2220200624085052000013%22%2C%22upExtendReq%22%3A%7B%22pin%22%3A%22qfTMmoZc38LTIyT4hteQmnthFp9mgDpMlHdst9MfAXYwHmoMT7ZzuVAWYfghsdLCSe0T1gNU8Qmt7avfMvkE4zmRTplxWhKS2xgacvPqc2hJIeir8umTbBCsN1CFdt0od0xTntl5r%2ByrWUzXo3XtKclIJ%2FIeD1CNWGGL5lJyyKOpiM0yx3eWE51DEL1v4%2BqXsK2PCAUmfNX2s55Nne%2BEh5HmMU%2FYGNDkPYgVtzIJji%2BMw2sTihbeLOp9nzVFOdQnjpNC33yLqXWWLPk7IiNLyZ0ffeCV8rOKB5%2Bal7%2FQssc3W8tfLISkJjUe0UZaM%2BvS9hLUT2rZtiZKA70wxE%2FZgA%3D%3D%22%2C%22riskRateInfo%22%3A%7B%22deviceName%22%3A%22%E8%AE%BE%E5%A4%87%E5%90%8D%22%7D%7D%2C%22channelType%22%3A%2211%22%2C%22operId%22%3A%22%E5%95%86%E6%88%B7%E6%93%8D%E4%BD%9C%E5%91%98%E7%BC%96%E5%8F%B7%22%2C%22scene%22%3A%2203%22%2C%22accessType%22%3A%220%22%2C%22termId%22%3A%2200000001%22%2C%22termInfo%22%3A%7B%22lac1%22%3A%229F9F%22%2C%22termDeviceType%22%3A%2201%22%2C%22serialNum%22%3A%22123456789%22%2C%22mnc%22%3A%2200%22%2C%22sig2%22%3A%225D5D%22%2C%22sig1%22%3A%227B7B%22%2C%22lac2%22%3A%226C6C%22%2C%22latitude%22%3A%22-03.561345%22%2C%22networkLicense%22%3A%22P3100%22%2C%22cid1%22%3A%228A8A%22%2C%22longitude%22%3A%22121.483527%22%7D%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624085052%22%2C%22merId%22%3A%22700000000000005%22%2C%22currencyCode%22%3A%22156%22%2C%22txnAmt%22%3A%221000%22%2C%22opShopId%22%3A%22%E5%BA%97%E9%9D%A2%E7%BC%96%E5%8F%B7%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=4bI5ZttdDQ&signMethod=RSA-SHA256]

[08:51:11|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624085052000013%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624085052%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22516471616465929469220%22%2C%22upExtendResp%22%3A%7B%22cardOrg%22%3A%22CUP%22%2C%22accNo%22%3A%22621214\*\*\*\*\*\*\*\*\*0205%22%2C%22issHeadName%22%3A%22%E8%81%94%E6%9C%BA%E4%BB%BF%E7%9C%9F1106%22%2C%22preAuthId%22%3A%22016375%22%2C%22acqInsCode%22%3A%2200013930%22%2C%22issHeadCode%22%3A%2290880051%22%2C%22settleKey%22%3A%2200013930+++00049993+++2890250624085052%22%2C%22acqInsName%22%3A%22%E5%8E%A6%E9%97%A8%E5%88%86%E5%85%AC%E5%8F%B8%22%7D%2C%22currencyCode%22%3A%22156%22%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=U0A7vTHYlWoybwnQvnM6P9zirhQJG3BO36t8W7Tjr5zr7JmUsBXBenATB2EebCL32OnRIHJsjIjCZohSGjtrD25iKTV6A%2F8tSMt8CfQTzBO1z7jSKcTFDn5BXL9zRyLO%2BUWQKrdBm5Ne1AB2vpdJlK8R8XeIBru33%2BXdm97P%2B3TRRLLmJC77uv%2Fcci3vdlPL8derFFjSDQvZlygsQdC5FRKglQvbJ7fngLF4RtZ5ykA2iAPndm%2FG8WJBls7mutBC%2BsgpybyZRl7sQWmYGk2I5YZf%2BdSE%2BxRN3%2F8heEQ3FhDf9TNRGL5Jcps3Ty92W0vPWV%2BSX8dLwgNZ9hn0hwbxvQ%3D%3D&nonceStr=4bI5ZttdDQ]

##### 预授权完成

[08:59:44|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.auth.finish&signature=kwwvh%2BwDSlPNKdF7WeBakU2mav4WVQvbdaTazjkpNi1rp3gayq6MDvxDc0nqsp%2Bm9StnHULkZVVGnd0FpOEwAZTADzcJJ40rwa%2FCMIqqI5yr8fa7QYI03bhwBjhr7WMMKgdsiBQFB984yxzitH7wCmHuWhjNgtJQ0i3Wlp8iDOUeBWi0MdXrHwiAw%2FfnBfwNHpcPC1rYHmmvlyRowJfT2HCbG1Bf7uWJ549ytuQmOnBRS5lYhx4ryyTz9V0lg22dop3SM%2B51uSpZJGwP616zNPnwuxAIYte1yHzKdelr78ZgFVNNha3WTdiSZiL1BI1qElxbj1%2F5l4O7Z%2BL3twpiXA%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624085926000001%22%2C%22origOrderId%22%3A%2220200624085052000013%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624085926%22%2C%22origTxnTime%22%3A%2220200624085052%22%2C%22merId%22%3A%22700000000000005%22%2C%22origTn%22%3A%22%22%2C%22txnAmt%22%3A%221000%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=fXTXvnGWzI&signMethod=RSA-SHA256]

[08:59:45|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624085926000001%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624085926%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22668894039517059579520%22%2C%22upExtendResp%22%3A%7B%22settleAmt%22%3A%221000%22%2C%22settleCurrencyCode%22%3A%22156%22%2C%22settleDate%22%3A%220624%22%2C%22settleKey%22%3A%2200013930+++00049993+++0587770624085926%22%7D%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=cbKCd3s7WAcHUueG4HxmIheZJFXaLI6R5cZW2rNIxEwwLGSVA4KH5Zp%2FHHpyRpM5q2Wj2PgKNcBSd8qWyNN9CdIXxCfHywdl%2Fht6W658kaS1yNdhWZDabflDzvLDx%2FS4tWdGD8kLpdmIREtPqw%2BSXmvAd90WuYvW4sR9s95YoIjIDfelHZc2UdhKRu95LV3TkrGH3MmnDzli1E50WQrQ3MALF7JSxjV4FNIRaumEp2pZ9Z%2BYZIeEj0AYbpUS6WfGH9Vjh9EYOA%2FCG5Oo1WbTW7y622n1wVAJBRrRsTsW74TjrjR9RSu23VAHYa2Z3BzUchwO6zQ%2B95FvQAL7Ofpsgw%3D%3D&nonceStr=fXTXvnGWzI]

##### 预授权完成撤销

[09:02:27|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.auth.finish.cancel&signature=j7UM43StoiCeVQtLXk2qt0bDX4xRR1jjx8hYChRrhSq%2BnW6oH8PaaLfOTjaHbs5injnu9SGjqmAtvE3JytGNXaMBEgWN4OapHmupbampjCeWOy2A3uk60ATHNi3UmjNBJDNnR6ppcA%2F22GDe%2FNeiD1VYupzOH%2BMUipVAgJolRKtXoLiIslORAMdy%2BrH9e20O9DugdaH8OVmzq5HQswjGyJgvnTdTqdTir5TsvANzuUeU2NtRSHBst7knkJNr8brr7xvxGrq95%2ByN47c3j9lAtEQipZ1uAcM%2F65R7ZHNFXSm9qbKvbJxq65PqFuoQ0xAQAMh9Oi93gL%2BidlmwMcKBLg%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624090222000000%22%2C%22origOrderId%22%3A%2220200624085926000001%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624090222%22%2C%22origTxnTime%22%3A%2220200624085926%22%2C%22merId%22%3A%22700000000000005%22%2C%22origTn%22%3A%22%22%2C%22txnAmt%22%3A%221000%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=33RLWgyKOW&signMethod=RSA-SHA256]

[09:02:28|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624090222000000%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624090222%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22625970700444127115920%22%2C%22upExtendResp%22%3A%7B%22settleAmt%22%3A%221000%22%2C%22settleCurrencyCode%22%3A%22156%22%2C%22settleDate%22%3A%220624%22%2C%22settleKey%22%3A%2200013930+++00049993+++0605270624090222%22%7D%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=vekwgX%2BLB4uJ4zaWiSi9smGnD%2BE9QQdPYcUbyNjfXMYc4%2FA22YMWmlpZd8o9qHfDgHT7poKj1Q3hYjzwrAVuffgku%2FOUtyVIkBG4Jl6mf7Ud2k2YhK7rsNV%2By4Ex1SYcdzqTHt9lY%2B85GFt1x49wEPHearFCe4RIlANas8t44j%2BSczdjlU6Zjc1dE%2F%2BVjqR%2FdU6JP2LpJE%2Bx%2F4VP87qFBIqxbYu4G6fCdJkmrnISs43GjarAlvWsEWDJ5NcRi5DTUXRLFI804c0Q5CoAC4A0V5gYGCWQcnri%2FJ4pQnDpNekk7jmbUMnZyKjPMlqyM54%2BrxLgD9m3QrvBgH7uPOt2kg%3D%3D&nonceStr=33RLWgyKOW]

##### 预授权撤销

[09:02:57|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.auth.cancel&signature=heKJZInwTbdET%2BYFilZtHpQQ1dV1tttNw7FaCIn9%2FH0lYg4Q%2FbCPneYDAM2TfrT%2Flnz8AEfHqNV9m%2B7pf%2FisiqSGBIHR1lak9hh6SckUnK1gjmQVlOHWb6%2BOq%2BR0VtRfoUMe3lw8w45EKnatQkyCmmchefQBIJF04LE0VaOE5JtaWJwnA83GLeKLyuXI4jONl5SV3fbvJ291J3AQAtCwxFEaT337RufjEXJRCy2MQz%2B6rJ2egrbj88rBpYHS857roySGSsOLf9Nb%2B7qbunghDd%2FL%2F87tMNbcnL40dWsoHryhqhVtm70OVEC3vwW%2FtToxk8zsduXerJDLoxMxm3Ehbg%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624090250000001%22%2C%22origOrderId%22%3A%2220200624085052000013%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22txnTime%22%3A%2220200624090250%22%2C%22origTxnTime%22%3A%2220200624085052%22%2C%22merId%22%3A%22700000000000005%22%2C%22origTn%22%3A%22%22%2C%22txnAmt%22%3A%221000%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=QHe8bM0L9O&signMethod=RSA-SHA256]

[09:02:57|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[HTTP RESP[200]: bizContent=%7B%22accessType%22%3A%220%22%2C%22orderId%22%3A%2220200624090250000001%22%2C%22reqReserved%22%3A%22%E9%80%8F%E4%BC%A0%E4%BF%A1%E6%81%AF%22%2C%22respMsg%22%3A%22%E6%88%90%E5%8A%9F%5B0000000%5D%22%2C%22txnTime%22%3A%2220200624090250%22%2C%22merId%22%3A%22700000000000005%22%2C%22tn%22%3A%22622174469360223449720%22%2C%22upExtendResp%22%3A%7B%22settleKey%22%3A%2200013930+++00049993+++2920250624090250%22%7D%2C%22respCode%22%3A%22SUCCESS%22%2C%22txnAmt%22%3A%221000%22%7D&returnCode=RT1000&certId=69026276696&signature=E1JNe%2Be0zUOKsgNKaD6NAf%2Ft0H3C3HEjOfM4tYvwaUeKGCxbhqcfWJWEjz%2Fx6N9aWlyNzIp%2B%2ByEyjmB2YTr%2BGgdCzYEAc%2Bfd4qPvXhRXZpnYrTv3CXcfD2WwI6yad92uPIKQzjqQOKTLNT%2BYhQioqXEMS5UIBFJFnilcNg%2BYfpciK36u0jvbP5kh3fRdi3O70VpFmeqF6KmUQgn5ljspIYg7JnMcbn2ebJXe6%2FpbcQmygifM1X8pC7XYdE0Jlf6%2Bx4FJjapd9njQ1uDMTBc6FaKZ9OS8obNQNP61VabOSVmg5qgUJ31s1sMj2C4moexcNLu%2FmLBsBys6KMkbaDLhmA%3D%3D&nonceStr=QHe8bM0L9O]

##### 更新密钥

[09:03:23|DEBUG|(com.unionpay.acp.sdk.HttpsUtil)]=[POST to [https://gateway.test.95516.com/api/trans.do]: accessId=700000000000005&bizMethod=acp.trade.pk.query&signature=HtZ1EHuozW%2B151zhup6BpQi8TBQ9qBC4o%2B2Xww%2F32WyxCCItDfKr4qC%2BHWmMbvovbu5hWAdHmC1OvtbqyiJZp82dfMMk4SLXueYscXXS8d9z%2FSFOdkoNngcn8r50kVUzcKDgZSxU1C1Gsho%2FRnuRrj0W1%2FhFSkh3VJ1KE3qD1l1sziLhkGzvDEf0K%2FnKzvrvWQmThsGdpRbWvvm7mYSN0O4s4stBihM5y8F08frjWIMs20juJlaUf3ikEG46ORBVJOSn7eKqPetbfqrxflLbtKaRS6Y5gqvck1GUjPjyc3YPyjkYr%2BTqC0IhZwKoxvcogh%2BQ%2Bhnc8yBoXaW7DgyeVA%3D%3D&bizContent=%7B%22accessType%22%3A%220%22%2C%22certType%22%3A%2201%22%2C%22orderId%22%3A%2220200624074642000003%22%2C%22txnTime%22%3A%2220200624074642%22%2C%22merId%22%3A%22700000000000005%22%7D&certId=69629715588&encoding=UTF-8&version=6.0.0&nonceStr=IYSNjEfpuP&signMethod=RSA-SHA256]

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##### 对账文件下载

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