**華威資訊多元付款機控制界面使用說明**

**V01.0.0.5**

**Tevin Chang**

**2021/01/07**

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| 日期 | 版號 | 內容 | 作者 |
| 2020/12/15 | V01.0.0.1 | 初版 | Tevin Chang |
| 2020/12/19 | V01.0.0.2 | 新增EZCard交易 | Tevin Chang |
| 2020/12/28 | V01.0.0.3 | 新增現金交易  1, 無法找零回應碼  2, 不檢查現金低水位參數  3, 找零完成訊息  4, 紙鈔出鈔至出鈔口訊息  5, 紙鈔使用者取鈔訊息 | Tevin Chang |
| 2021/01/02 | V01.0.0.4 | 新增信用卡交易 | Tevin Chang |
| 2021/01/07 | V01.0.0.5 | 1, 新增列印指令  2, 新增交易成功後欄位: 交易類型  3, 現金交易成功回傳新增交易日期, 時間 | Tevin Chang |
|  |  |  |  |

執行平台:

Windows 8以上.

主程式(HOST):

awPayCtrl.exe. 請以系統管理員身份執行

媒介:

WebSocket.

資料:

JSON格式

Command:

每一道 REQ Command 都有一對應之 RSP 做為 HOST 呼應收到此一命令之回應.

public const Int32 AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP = 0x1100;

說明:

回應至Client

類型:

OUT Response

// DEVICE

public const Int32 AW\_PAYCTRL\_COMMAND\_DEVICE\_INITIALIZE\_REQ = 0x0001;

說明:

週邊設備之初始化請求

類型:

To Host

public const Int32 AW\_PAYCTRL\_COMMAND\_DEVICE\_INITIALIZE\_RSP = 0x0002;

說明:

回應週邊設備之初始化請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_DEVICE\_STATUS\_REQ = 0x0003;

說明:

週邊設備之狀態請求

類型:

To Host

public const Int32 AW\_PAYCTRL\_COMMAND\_DEVICE\_STATUS\_RSP = 0x0004;

說明:

回應週邊設備之狀態請求

類型:

OUT Response

// CASH

public const Int32 AW\_PAYCTRL\_COMMAND\_CASH\_START\_ACCEPT\_REQ = 0x0101;

說明:

現金模組啟動收鈔/幣請求

類型:

To Host

必要參數:

ITEM\_AMOUNT

選擇參數

ITEM\_TIMEOUT

ITEM\_CASH\_CHECK\_LOW

public const Int32 AW\_PAYCTRL\_COMMAND\_CASH\_START\_ACCEPT\_RSP = 0x0102;

說明:

回應現金模組啟動收鈔/幣請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_CASH\_STOP\_ACCEPT\_REQ = 0x0103;

說明:

現金模組停止收鈔/幣請求

類型:

To Host

必要參數:

無

public const Int32 AW\_PAYCTRL\_COMMAND\_CASH\_STOP\_ACCEPT\_RSP = 0x0104;

說明:

回應現金模組停止收鈔/幣請求

類型:

OUT Response

以下指令建構中

public const Int32 AW\_PAYCTRL\_COMMAND\_CASH\_PAYOUT\_REQ = 0x0105;(建構中)

說明:

現金模組啟動出鈔請求

類型:

To Host

public const Int32 AW\_PAYCTRL\_COMMAND\_CASH\_PAYOUT\_RSP = 0x0106; 說明:

說明:

回應現金模組啟動出鈔請求

類型:

OUT Response

// EZCARD

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_AUTHORIZE\_REQ = 0x0201;

說明:

悠遊卡模組授權請求

類型:

To Host

必要參數:

無

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_AUTHORIZE\_RSP = 0x0202; 說明:

說明:

回應悠遊卡模組授權請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_SETTLE\_REQ = 0x0203;

說明:

悠遊卡模組結帳請求

類型:

To Host

必要參數:

無

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_SETTLE\_RSP = 0x0204;

說明:

回應悠遊卡模組結帳請求

類型:

OUT Response

回應參數:

成功

ITEM\_EZCARD\_BATCHNO

ITEM\_COUNT

ITEM\_AMOUNT

Ex:

失敗

ITEM\_EZCARD\_RETCODE

ITEM\_EZCARD\_ERRCODE

Ex:

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_QUERY\_REQ = 0x0205;

說明:

悠遊卡模組查詢卡片請求

類型:

To Host

必要參數:

無

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_QUERY\_RSP = 0x0206;

說明:

回應悠遊卡模組查詢卡片請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_SALE\_REQ = 0x0207;

說明:

悠遊卡模組購物請求

類型:

To Host

必要參數:

ITEM\_AMOUNT

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_SALE\_RSP = 0x0208;

說明:

回應悠遊卡模組購物請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_SALE\_CANCEL\_REQ = 0x0209;

說明:

悠遊卡模組購物取消請求

類型:

To Host

必要參數:

ITEM\_AMOUNT

請注意. “購物取消”僅能在前一指令為”購物”, 而且同一張卡片時才能被執行

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_SALE\_CANCEL\_RSP = 0x020A;

說明:

回應悠遊卡模組購物請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_REFUND\_REQ = 0x020B;

說明:

悠遊卡模組退貨請求

類型:

To Host

必要參數:

ITEM\_AMOUNT

注意, 此一退貨請求不一定是要與”購貨”同一張卡片

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_REFUND\_RSP = 0x020C;

說明:

回應悠遊卡模組退貨請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_CASHADDVALUE\_REQ = 0x020D;

說明:

悠遊卡模組現金加值請求

類型:

To Host

必要參數:

ITEM\_AMOUNT

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_CASHADDVALUE\_RSP = 0x021E;

說明:

回應悠遊卡模組現金加值請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_CASHADDVALUE\_CANCEL\_REQ = 0x020F;

說明:

悠遊卡模組現金加值取消請求

類型:

To Host

必要參數:

無

請注意. “現金加值取消”僅能在前一指令為” 現金加值”, 而且同一張卡片時才能被執行

public const Int32 AW\_PAYCTRL\_COMMAND\_EZCARD\_CASHADDVALUE\_CANCEL\_RSP = 0x0210;

說明:

回應悠遊卡模組現金加值取消請求

類型:

OUT Response

// CREDITCARD

public const Int32 AW\_PAYCTRL\_COMMAND\_CREDITCARD\_START\_REQ = 0x0301;

說明:

信用卡刷卡機模組啟動偵測卡片請求

類型:

To Host

必要參數:

ITEM\_AMOUNT

ITEM\_TIMEOUT

public const Int32 AW\_PAYCTRL\_COMMAND\_CREDITCARD\_START\_RSP = 0x0302;

說明:

回應信用卡刷卡機模組啟動偵測卡片請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_CREDITCARD\_STOP\_REQ = 0x0303;

說明:

信用卡刷卡機模組停止偵測卡片請求

類型:

To Host

public const Int32 AW\_PAYCTRL\_COMMAND\_CREDITCARD\_STOP\_RSP = 0x0304;

說明:

回應信用卡刷卡機模組停止偵測卡片請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_CREDITCARD\_SETTLE\_REQ = 0x0305;

說明:

信用卡刷卡機模組結帳請求

類型:

To Host

必要參數:

無

public const Int32 AW\_PAYCTRL\_COMMAND\_CREDITCARD\_SETTLE\_RSP = 0x0306;

說明:

回應信用卡刷卡機模組結帳請求

類型:

OUT Response

// PRINTER

public const Int32 AW\_PAYCTRL\_COMMAND\_PRINT\_RECEIVE\_REQ = 0x0401;

說明:

印表機印出收據請求

類型:

To Host

輸入資料項:

交易成功所回應的資料項即為此一指令的輸入項目

public const Int32 AW\_PAYCTRL\_COMMAND\_PRINT\_RECEIVE\_RSP = 0x0402;

說明:

回應印表機印出收據請求

類型:

OUT Response

// SENSOR

public const Int32 AW\_PAYCTRL\_COMMAND\_SENSOR\_GET\_REQ = 0x0501;

說明:

讀取箱體門感應器狀態請求

類型:

To Host

public const Int32 AW\_PAYCTRL\_COMMAND\_SENSOR\_GET\_RSP = 0x0502;

說明:

回應讀取箱體門感應器狀態請求

類型:

OUT Response

// QRCODE

public const Int32 AW\_PAYCTRL\_COMMAND\_QRCODE\_START\_REQ = 0x0601;

說明:

QRCode 模組啟動讀取請求

類型:

To Host

public const Int32 AW\_PAYCTRL\_COMMAND\_QRCODE\_START\_RSP = 0x0602;

說明:

回應 QRCode 模組啟動讀取請求

類型:

OUT Response

public const Int32 AW\_PAYCTRL\_COMMAND\_QRCODE\_STOP\_REQ = 0x0603;

說明:

QRCode 模組停止讀取請求

類型:

To Host

public const Int32 AW\_PAYCTRL\_COMMAND\_QRCODE\_STOP\_RSP = 0x0604;

說明:

回應QRCode 模組停止讀取請求

類型:

OUT Response

ITEM\_DATA 中的 NAME 欄位值. 目前所允許的有以下:

ITEM\_AMOUNT:

說明:

交易金額.

適用於:

AW\_PAYCTRL\_COMMAND\_CASH\_START\_ACCEPT\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_SALE\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_SALE\_CANCEL\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_REFUND\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_CASHADDVALUE\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_CASHADDVALUE\_CANCEL\_REQ

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_OK

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_ERROR\_NOCHANGE\_REFUND

//

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK

ITEM\_TIMEOUT:

說明:

交易逾時時限. 單為 ms

適用於:

AW\_PAYCTRL\_COMMAND\_CASH\_START\_ACCEPT\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_SALE\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_SALE\_CANCEL\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_REFUND\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_CASHADDVALUE\_REQ

AW\_PAYCTRL\_COMMAND\_EZCARD\_CASHADDVALUE\_CANCEL\_REQ

ITEM\_DATA:

說明:

建構中

適用於

ITEM\_CARDNO

說明:

交易卡號

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_QUERY\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK

ITEM\_BALANCE

說明:

目前餘額(交易後餘額)

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_QUERY\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK

ITEM\_BALANCE\_BEF

說明:

交易前餘額

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK

ITEM\_AUTOLOAD\_AMOUNT

說明:

悠遊卡自動加值金額

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

ITEM\_COUNT

說明:

悠遊卡結帳筆數

適用於:

AW\_PAYCTRL\_COMMAND\_EZCARD\_SETTLE\_RSP

ITEM\_TXDATE

說明:

交易日期

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_OK

ITEM\_TXTIME

說明:

交易時間

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_OK

ITEM\_TXSEQNO

說明:

交易序號

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK

//

ITEM\_CASH\_ACCEPTED:

說明:

現金模組啟動收鈔/幣後每一次收鈔/收幣的金額

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_BNA\_ACCEPTED

AW\_PAYCTRL\_MESSAGE\_COIN\_ACCEPTED

ITEM\_CASH\_TOTAL\_ACCEPTED:

說明:

現金模組此次啟動收鈔/幣後的總收入金額

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_BNA\_ACCEPTED

AW\_PAYCTRL\_MESSAGE\_COIN\_ACCEPTED

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_OK

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_ERROR\_NOCHANGE\_REFUND

ITEM\_CASH\_REMAINED:

說明:

現金模組啟動收鈔/幣, 每一次收鈔/收幣後尚需投入之金額(交易金額-總收入金額)

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_BNA\_ACCEPTED

AW\_PAYCTRL\_MESSAGE\_COIN\_ACCEPTED

ITEM\_CASH\_CHANGE:

說明:

現金模組收鈔/幣完成後, 所需找出之金額

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_OK

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_ERROR\_NOCHANGE\_REFUND

ITEM\_CASH\_CHECK\_LOW:

說明:

現金模組啟動收鈔時, 是否檢查目前現金存量低水位.

0 -> 不檢查. 1 -> 檢查(預設)

若是指定”不檢查”, 當使用者置入超過指定之金額時, 程式會將使用者置入之金額全數退出, 並回應

Message: AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_ERROR\_NOCHANGE\_REFUND

適用於:

AW\_PAYCTRL\_COMMAND\_CASH\_START\_ACCEPT\_REQ

Ex:

// EZCARD

// EZCARD\_ERROR\_RETURNED\_ITEM. ErrMsg in RETURNED\_MESSAGE

ITEM\_EZCARD\_RETCODE

說明:

悠遊卡交易失敗回應碼

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_QUERY\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_ERROR

ITEM\_EZCARD\_ERRCODE

說明:

悠遊卡交易失敗錯誤代碼

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_QUERY\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_ERROR

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_ERROR

//

ITEM\_EZCARD\_BATCHNO

說明:

悠遊卡交易批號. 每一次的結帳, 此一批號會改變

適用於:

AW\_PAYCTRL\_COMMAND\_EZCARD\_AUTHORIZE\_RSP

AW\_PAYCTRL\_COMMAND\_EZCARD\_SETTLE\_RSP

ITEM\_EZCARD\_PURSEID

說明:

悠遊卡交易晶片卡號

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK

// CreditCard

ITEM\_CREDITCARD\_APPROVALNO

說明:

信用卡交易授權碼

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK

ITEM\_CREDITCARD\_INVOICENO

說明:

信用卡交易簽單調閱編號

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK

ITEM\_CREDITCARD\_ECRRSPCODE

說明:

信用卡交易錯誤時回應主機代碼

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_ERROR

ITEM\_PAY\_TYPE

說明:

交易成功時回應之交易類型

值:

PAY\_TYPE\_CASH

PAY\_TYPE\_EZCARD

PAY\_TYPE\_CREDITCARD

適用於:

AW\_PAYCTRL\_COMMAND\_ASYNC\_RSP

MESSAGE:

AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_OK

AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK

AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK

訊息:

HOST回應給 Client端, 用以告知設備動作

tecWin32Func.WM\_USER = 00400;

// BNA

public const uint AW\_PAYCTRL\_MESSAGE\_BNA\_ACCEPTED = tecWin32Func.WM\_USER + 0x1101;

說明:

現金模組-紙鈔機偵測到可辨識之紙鈔. 暫存

public const uint AW\_PAYCTRL\_MESSAGE\_BNA\_REJECTED = tecWin32Func.WM\_USER + 0x1102;

說明:

現金模組-紙鈔機偵測到無法辨識之紙鈔. 退還

public const uint AW\_PAYCTRL\_MESSAGE\_BNA\_DISPENSED = tecWin32Func.WM\_USER + 0x1103;

說明:

現金模組-紙鈔機發出紙鈔至出鈔口

public const uint AW\_PAYCTRL\_MESSAGE\_BNA\_USERTOOKOUT = tecWin32Func.WM\_USER + 0x1104;

說明:

現金模組-使用者取出紙鈔

// COIN

public const uint AW\_PAYCTRL\_MESSAGE\_COIN\_ACCEPTED = tecWin32Func.WM\_USER + 0x1111;

說明:

現金模組-硬幣機偵測到可辨識之硬幣. 暫存

public const uint AW\_PAYCTRL\_MESSAGE\_COIN\_REJECTED = tecWin32Func.WM\_USER + 0x1112;

說明:

現金模組-硬幣機偵測到無法辨識之硬幣. 退還

public const uint AW\_PAYCTRL\_MESSAGE\_COIN\_DISEPNSED = tecWin32Func.WM\_USER + 0x1113;

說明:

現金模組-硬幣機發出硬幣

public const uint AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_OK = tecWin32Func.WM\_USER + 0x1121;

說明:

當所投入金額大於/等於所需交易金額時, 發出此一訊息

現金模組-收鈔/幣完成.

public const uint AW\_PAYCTRL\_MESSAGE\_CASH\_ACCEPTE\_FINISHED\_ERROR\_NOCHANGE\_REFUND = tecWin32Func.WM\_USER + 0x1122;

說明:

當所投入金額大於所需交易金額, 但是現金模組的現金存量無法找出所需之金額給予顧客時, 發出此一訊息

現金模組-收鈔/幣完成. 但無法完成交易

public const uint AW\_PAYCTRL\_MESSAGE\_CASH\_PAYOUT\_FINISHED = tecWin32Func.WM\_USER + 0x1123;

說明:

建構中

public const uint AW\_PAYCTRL\_MESSAGE\_CASH\_CANCEL = tecWin32Func.WM\_USER + 0x1204;

說明:

現金模組交易取消

public const uint AW\_PAYCTRL\_MESSAGE\_CASH\_TIMEOUT = tecWin32Func.WM\_USER + 0x1205;

說明:

現金模組交易逾時

public const uint AW\_PAYCTRL\_MESSAGE\_CASH\_DISPENSED\_OK = tecWin32Func.WM\_USER + 0x1130;

說明:

現金模組交易找零/退鈔完成

// EZCARD

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_QUERY\_OK = tecWin32Func.WM\_USER+0x1201;

說明:

悠遊卡模組卡片資訊查詢成功

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_QUERY\_ERROR = tecWin32Func.WM\_USER + 0x1202;

說明:

悠遊卡模組卡片資訊查詢失敗

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_QUERY\_TIMEOUT = tecWin32Func.WM\_USER + 0x1203;

說明:

悠遊卡模組卡片資訊查詢交易逾時

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_QUERY\_NOCARD = tecWin32Func.WM\_USER + 0x1204;

說明:

悠遊卡模組卡片資訊查詢偵測不到卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_OK = tecWin32Func.WM\_USER + 0x1211;

說明:

悠遊卡模組購貨交易成功

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_ERROR = tecWin32Func.WM\_USER + 0x1212;

說明:

悠遊卡模組購貨交易失敗

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_TIMEOUT = tecWin32Func.WM\_USER + 0x1213;

說明:

悠遊卡模組購貨交易逾時

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_RETRY = tecWin32Func.WM\_USER + 0x1214;

說明:

悠遊卡模組購貨交易未確認. 請使用者重新置放卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_NOCARD = tecWin32Func.WM\_USER + 0x1215;

說明:

悠遊卡模組購貨交易偵測不到卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_OK = tecWin32Func.WM\_USER + 0x1221;

說明:

悠遊卡模組取消購貨交易成功

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_ERROR = tecWin32Func.WM\_USER + 0x1222;

說明:

悠遊卡模組取消購貨交易失敗

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_TIMEOUT = tecWin32Func.WM\_USER + 0x1223;

說明:

悠遊卡模組取消購貨交易逾時

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_RETRY = tecWin32Func.WM\_USER + 0x1224;

說明:

悠遊卡模組取消購貨交易未確認. 請使用者重新置放卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_SALE\_CANCEL\_NOCARD = tecWin32Func.WM\_USER + 0x1225;

說明:

悠遊卡模組購貨交易偵測不到卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_OK = tecWin32Func.WM\_USER + 0x1231;

說明:

悠遊卡模組退貨交易成功

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_ERROR = tecWin32Func.WM\_USER + 0x1232;

說明:

悠遊卡模組退貨交易失敗

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_TIMEOUT = tecWin32Func.WM\_USER + 0x1233;

說明:

悠遊卡模組退貨交易逾時

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_RETRY = tecWin32Func.WM\_USER + 0x1234;

說明:

悠遊卡模組退貨交易未確認. 請使用者重新置放卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_REFUND\_NOCARD = tecWin32Func.WM\_USER + 0x1235;

說明:

悠遊卡模組退貨交易偵測不到卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_OK = tecWin32Func.WM\_USER + 0x1241;

說明:

悠遊卡模組現金加值交易成功

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_ERROR = tecWin32Func.WM\_USER + 0x1242;

說明:

悠遊卡模組現金加值交易失敗

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_TIMEOUT = tecWin32Func.WM\_USER + 0x1243;

說明:

悠遊卡模組現金加值交易逾時

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_RETRY = tecWin32Func.WM\_USER + 0x1244;

說明:

悠遊卡模組現金加值交易未確認. 請使用者重新置放卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_NOCARD = tecWin32Func.WM\_USER + 0x1245;

說明:

悠遊卡模組現金加值交易偵測不到卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_OK = tecWin32Func.WM\_USER + 0x1251;

說明:

悠遊卡模組取消現金加值交易成功

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_ERROR = tecWin32Func.WM\_USER + 0x1252;

說明:

悠遊卡模組取消現金加值交易失敗

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_TIMEOUT = tecWin32Func.WM\_USER + 0x1253;

說明:

悠遊卡模組取消現金加值交易逾時

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_RETRY = tecWin32Func.WM\_USER + 0x1254;

說明:

悠遊卡模組取消現金加值交易未確認. 請使用者重新置放卡片

public const uint AW\_PAYCTRL\_MESSAGE\_EZCARD\_CASHADDVALUE\_CANCEL\_NOCARD = tecWin32Func.WM\_USER + 0x1255;

說明:

悠遊卡模組取消現金加值交易偵測不到卡片

// CREDITCARD

public const uint AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_OK = tecWin32Func.WM\_USER + 0x1301;

說明:

信用卡模組購貨成功

public const uint AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_ERROR = tecWin32Func.WM\_USER + 0x1302;

說明:

信用卡模組購貨失敗

public const uint AW\_PAYCTRL\_MESSAGE\_CREDITCARD\_SALE\_TIMEOUT = tecWin32Func.WM\_USER + 0x1303;

說明:

信用卡模組購貨逾時

// PRINTER

public const uint AW\_PAYCTRL\_MESSAGE\_PRINT\_FINISH = tecWin32Func.WM\_USER + 0x1401;

// SENSOR

public const uint AW\_PAYCTRL\_MESSAGE\_SENSOR\_DETECTED = tecWin32Func.WM\_USER + 0x1501;

// QRCODE

public const uint AW\_PAYCTRL\_MESSAGE\_QRCODE\_READ = tecWin32Func.WM\_USER + 0x1601;

狀態碼

// SENSOR

public const Int32 AW\_PAYCTRL\_STATUS\_SENSOR\_OFF = 0;

public const Int32 AW\_PAYCTRL\_STATUS\_SENSOR\_ON = 1;

// DEVICE

public const Int32 AW\_PAYCTRL\_STATUS\_DEVICE\_ERROR = 0;

public const Int32 AW\_PAYCTRL\_STATUS\_DEVICE\_OK = 1;

public const Int32 AW\_PAYCTRL\_STATUS\_DEVICE\_BUSY = 2;

回應碼:

public const string AW\_PAYCTRL\_RETURN\_OK = "ERROR\_OK";

說明:

指令成功被 HOST 接收, 指令成功

public const string AW\_PAYCTRL\_RETURN\_INVALID\_COMMAND = "ERROR\_INVALID\_COMMAND";

說明:

指令無法被 HOST 接收, 指令失敗.

錯誤的指令碼

public const string AW\_PAYCTRL\_RETURN\_INVALID\_PARAMETER = "ERROR\_INVALID\_PARAMETER";

說明:

指令無法被 HOST 接收, 指令失敗.

錯誤的 PARAMS

JSON structure

IN (To HOST)

public struct STR\_COMMAND\_IN\_DATA

{

public Int32 COMMAND;

public string PARAMS;

}

OUT (From HOST)

public struct STR\_COMMAND\_OUT\_DATA

{

public Int32 COMMAND;

public Int32 MESSAGE;

public string RETURNED\_MESSAGE;

public string DATA;

}

ITEM\_DATA

public struct STR\_ITEM\_DATA

{

public string NAME;

public string VALUE;

public STR\_ITEM\_DATA(string szName, string szValue)

{

this.NAME = szName;

this.VALUE = szValue;

}

}

PARAMS/DATA:

List<STR\_ITEM\_DATA>

Example:

// Command Send to awPayCtrl

Ex: 1

{"COMMAND":257,"PARAMS":"[{\"NAME\":\"ITEM\_AMOUNT\",\"VALUE\":\"234\"},{\"NAME\":\"ITEM\_TIMEOUT\",\"VALUE\":\"30000\"}]"}

Ex: 2

{"COMMAND":259,"PARAMS":"[]"}

// Message Response from awPayCtrl

Ex: 1

{"COMMAND":258,"MESSAGE":0,"RETURNED\_MESSAGE":"ERROR\_OK","DATA":null}

Ex: 2

{"COMMAND":4352,"MESSAGE":5377,"RETURNED\_MESSAGE":null,"DATA":"[{\"NAME\":\"ITEM\_ACCEPTED\",\"VALUE\":\"100\"},{\"NAME\":\"ITEM\_TOTAL\_ACCEPTED\",\"VALUE\":\"100\"},{\"NAME\":\"ITEM\_REMAINED\",\"VALUE\":\"134\"}]"}

Ex: 3

{"COMMAND":4352,"MESSAGE":5377,"RETURNED\_MESSAGE":null,"DATA":"[{\"NAME\":\"ITEM\_ACCEPTED\",\"VALUE\":\"100\"},{\"NAME\":\"ITEM\_TOTAL\_ACCEPTED\",\"VALUE\":\"200\"},{\"NAME\":\"ITEM\_REMAINED\",\"VALUE\":\"34\"}]"}