

API Instructions for LEEKGOTECH Signature Pad

1.Short words stand for

1. FLAG: transmit command
2. Data: data between signature pad and computer
3. ErrMsg: message for error

2.API Instruction

1.you need to develop websocket service, and make it easily install,uninstall,testing, what's more, you need to set auto boot for this service with windows bootup.

2.return value of function is String Json format。

3. set service port:

Signature pad 12343

4. Command function “onMessage” Parameter format Instruction

Command function “onMessage” to receive data, return value is json String, contents include:

- 1、 success: 1 or 0, Success: 1, Failure: 0;
- 2、 errorMsg: Message for Error, return error message when success is 0;
- 3、 Function name: functions command with param;
- 4、 refer to below all functions form for different return value, for example: boot signature pad,

return {"success": 1, "Function name": "ZCStartDeviceAB","errorMsg": "success"}。

3.Functions for Signature pad

Boot signature pad

Function name	ZCStartDeviceAB	Mandatory/Not	Yes
Purpose	Boot Signature pad		
Command	Bool ZCStartDeviceAB()		
Parameter Instruction	Parameter	Type	Comments
	[in]		
	[out]		
Instruction Details			

End Signature

Function	ZCEndSignAB	Mandatory/Not	Yes
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name			
Purpose	End Signature		
Command	Void ZCEndSignAB()		
Parameter Instruction	Parameter	Type	Comments
	[in]		
	[out]		
Instruction Details			

Initialize device and begin Signature

Function name	ZCBeginSignAB			Mandatory/Not	Yes
Purpose	Initialize device and begin Signature				
Command	Bool ZCBeginSignAB(int x, int y, int width, int height)				
Parameter Instruction	Parameter	Type	Length (decimalism)	Comments	
	[in]x	Int	4	X cord on Signature pad	
	[in] y	Int	4	Y cord on Signature pad	
	[in] width	Int	4	Width of signature window	
	[in]height	Int	4	Height of signature window	
	[out] success	Char	1		
Instruction Details					

Stop signature device

Function name	ZCStopDeviceAB			Mandatory/Not	Yes
Purpose	Stop signature device				
Command	voidZCStopDeviceAB()				
Parameter Instruction	Parameter	Type	Length (decim alism)	Comments	
	[in]				
	[out]				
Instruction Details					

Save present handwriting to Base64 string, automatically delete margins

Function name	ZCOutputImageBase64AB	Mandatory/Not	Yes
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Purpose	Save present handwriting to Base64 string and automatically delete margins		
Command	ZCOutputImageFileAB()		
Parameter	Parameter	Type	Comments
Instruction	[out]Base64	String	Return BASE64 coding
Instruction Details	Save to system temporary directory or any directory your program has permission to create		

Signature pad push to show on html page

Function name	ZCShowHtmlAB	Mandatory/Not	Yes
Purpose	Signature padpush to show on html page		
Command	voidZCShowHtmlAB(string url)		
Parameter	Parameter	Type	Comments
Instruction	[in]url	String	Push to destination Url string
Instruction Details			

Close Signature pad to show on html page

Function name	ZCCloseHtmlAB	Mandatory/Not	Yes
Purpose	Close Signature pad to show on html page		
Command	voidZCCloseHtmlAB()		
Parameter Instruction			

Return value Instruction	Return value	Type	Comments
	Function name	String	Function name
	success	Int	1 or 0
	errorMsg	String	Message for Error
Instruction Details			

Set pen type

Function name	ZCSetModeAB	Mandatory/Not	Yes
Purpose	Set pen type		
Command	Void ZCSetModeAB(int mode)		
Parameter Instruction	Parameter	Type	Length (decimalism)
	[in]mode	Int	1
			Comments Pen type 0 - brush 2 - general

				4 - fixed width
Instruction Details				

Set cancel button

Function name	ZCSetCanceBtnAB			Mandatory/Not	Yes
Purpose	Set cancel button				
Command	Void ZCSetCanceBtnAB(int cacleBtn)				
Parameter Instruction	Parameter	Type	Length (decimalism)	Comments	
	[in] cacleBtn	Int	1	Pen mode 0 – invalid 1 – valid	
Instruction Details					

Return value Instruction	Return value	Type	Comments
	Function name	String	Function name
	success	Int	1 or 0
	errorMsg	String	Message for Error
Instruction Details			

Begin service Evaluation

Function name	ZCBeginEvaluationAB			Mandatory/Not	Yes
Purpose	Begin service Evaluation				
Command	Bool ZCBeginEvaluationAB (int x, int y, int width, int height)				
Parameter Instruction	Parameter	Type	Length (decimalism)	Comments	
	[in]x	Int	4	X cord on Signature pad	
	[in] y	Int	4	Y cord on Signature	
	[in] width	Int	4	Width of signature window	
	[in]height	Int	4	Height of signature window	
Instruction Details					

Stop Evaluation and Output Evaluation

Function name	ZCEndEvaluationAB			Mandatory/Not	Yes
Purpose	Stop Evaluation and Output Evaluation				
Command	Void ZCEndEvaluationAB()				
Parameter Instruction	Parameter	Type	Length (decimalism)	Comments	
Instruction Details					

Return value Instruction	Return value	Type	Comments
	Function name	String	Function name
	success	Int	1 or 0
	errorMsg	String	Message for Error
Instruction Details			

Output Evaluation data

Function name	ZCOutputEvaluationDataAB			Mandatory/Not	Yes
Purpose	Stop Evaluation and Output Evaluation				
Command	Void ZCOutputEvaluationDataAB()				
Parameter Instruction	Parameter	Type	Length (decimalism)	Comments	
Instruction Details					

Return value Instruction	Return value	Type	Comments
	Function name	String	Function name
	success	Int	1 or 0
	errorMsg	String	Message for Error

	evaluationData	int	Evaluation comments: 0 – None 1 – Normal 2 – Good 3 – Very Good 4 – Bad
Instruction Details			