

TPD280DLL

Manual

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OpenComm Method

Syntax **OpenComm** (comPort:string, ,baudrate:int32): boolean

Parameter	Description
<i>comPort</i>	serial port
<i>baudrate</i>	baud rate

The ***comPort*** parameter has one of the following values:

Value	Meaning
"COM1"	
"COM2"	
...	
"COM n"	

The ***baudrate*** parameter has one of the following values:

Value	Meaning
9600	
19200	
38400	
57600	
115200	

Remarks Open the Serial Port.

CloseComm Method

Syntax **CloseComm** ()

Remarks Close the Serial Port

LED_Display Method

Syntax **LED_Display** (Amount: *string*, AmountType: *int32*): int32

Parameter	Description
<i>Amount</i>	Display Amount.
<i>AmountType</i>	Amount Type.

The ***AmountType*** parameter has one of the following values:

Value	Meaning
1	Price
2	Total
3	Collect

	4	Change
Remarks	Display text.	

DSP_Init Method

Syntax	DSP_Init (): int32
Remarks	Initialize display, Clear screen.

DSP_SetDefaultStyle Method

Syntax	DSP_SetDefaultStyle (n: <i>int32</i>): int32	
	Parameter	Description
	<i>n</i>	Display style.
	The <i>n</i> parameter has one of the following values:	
	Value	Meaning
	1	QR code with background image.
	2	QR code, embedded logo and text combination.
	3	Picture, QR code, text free combination, price, total, collect, change customer display function.
Remarks	Set default style.	

DSP_SwitchStyle Method

Syntax	DSP_SwitchStyle (n: <i>int32</i>): int32	
	Parameter	Description
	<i>n</i>	Display style.
	The <i>n</i> parameter has one of the following values:	
	Value	Meaning
	1	QR code with background image.
	2	QR code, embedded logo and text combination.
	3	Picture, QR code, text free combination, price, total, collect, change customer display function.
Remarks	Switch style.	

DSP_UploadPicture Method

Syntax **DSP_UploadPicture** (File Name: *string*, File Path: *string*): int32

Parameter	Description
<i>File Name</i>	The file name.
<i>File Path</i>	File path name.

Style 1: The *File Name* parameter has one of the following values:

Value	Meaning	Size
logo.jpg	Start logo	240x320
pl.jpg	Background	240x320

Style 2: The *File Name* parameter has one of the following values:

Value	Meaning	Size
logo.jpg	Start logo	240x320
cen.jpg	QRCode logo	60x60

Style 3: The *File Name* parameter has one of the following values:

Value	Meaning	Max Size
logo_sty3.jpg	Start Logo	320x240 (Immutable)
sty3_P1.jpg	Picture 1	320x240 (variable)
sty3_P2.jpg	Picture 2	320x240 (variable)
sty3_P3.jpg	Picture 3	320x240 (variable)
sty3_P4.jpg	Picture 4	320x240 (variable)
sty3_P5.jpg	Picture 5	320x240 (variable)
sty3_P6.jpg	Picture 6	320x240 (variable)
sty3_P7.jpg	Picture 7	320x240 (variable)
sty3_P8.jpg	Picture 8	320x240 (variable)
sty3_P9.jpg	Picture 9	320x240 (variable)
sty3_P10.jpg	Picture 10	320x240 (variable)
more...		

Remarks Upload picture to the display.

DSP_ShowPicture Method

Syntax **DSP_ShowPicture** (FileName: *string*, X: int32, Y: int32): int32

Parameter	Description
<i>FileName</i>	Picture File Name.
<i>X</i>	Specifies the abscissa of the picture display
<i>Y</i>	Specifies the ordinate of the picture display

The *FileName* parameter has one of the following [DSP_UploadPicture Method](#).

Remarks Display the specified picture on the specified coordinate.

DSP_ShowQrCode Method

Syntax **DSP_ShowQrCode_3** (Text: *UTF8string*, Size:*int32*, X:*int32*, Y:*int32*): *int32*

Parameter	Description
<i>Text</i>	Barcode Text.
<i>Size</i>	QrCode Size. $15 \leq \text{Size} \leq 255$.
<i>X</i>	Specifies the abscissa of the QrCode display
<i>Y</i>	Specifies the ordinate of the QrCode display

The **Size** parameter has one of the following values:

Parameter	Description
15 ~ 255	

Remarks Display the specified QrCode on the specified coordinate

DSP_ShowText Method

Syntax **DSP_ShowText** (Text: *UTF8string*, Size:*int32*, X: *int32*, Y: *int32*): *int32*

Parameter	Description
<i>Text</i>	Display Text.
<i>Size</i>	Font Size, $8 \leq \text{Size} \leq 72$.
<i>X</i>	Specifies the abscissa of the text display
<i>Y</i>	Specifies the ordinate of the text display

The **Size** parameter has one of the following values:

Parameter	Description
8 ~ 72	

Remarks Display the specified text on the specified coordinate

DSP_ShowQrCode_1 Method

Syntax **DSP_ShowQrCode_1** (BarcodeType: *int32*, Text: *UTF8string*,): *int32*

Parameter	Description
<i>Text</i>	Barcode Text.

Remarks Display QrCode.
Only Style 1.

DSP_ShowQrCode_2 Method

Syntax **DSP_ShowQrCode_2** (QrCodeText:*UTF8string*,
isShowCenterLogo:*Boolean*, Text: *UTF8string*): int32

Parameter	Description
<i>QrCodeText</i>	Barcode Text.
<i>isShowCenterLogo</i>	Whether to display logo in the middle of Barcode.
<i>Text</i>	Message Text.

Remarks Display QrCode and Text.
Only Style 2.

Error description

Errors Some possible values of the exception's ErrorCode property are:

Value	Meaning
0	Success
1	Serial port not opened
2	Serial port is busy
3	Timeout
4	Handshake failed
5	File does not exist
6	Wrong file number
7	Download failed
8	Text is empty
9	Execution failed
10	Bad file format
11	Wrong file name
12	Unknown device