

OpenLCD Method

Syntax **OpenLCD** (comPort:string, ,baudrate:int32): uint8

Parameter	Description
<i>comPort</i>	serial port
<i>baudrate</i>	baud rate
The <i>comPort</i> parameter has one of the following values:	
Value	Meaning
"COM1"	
"COM2"	
...	
"COM10"	
The <i>baudrate</i> parameter has one of the following values:	
Value	Meaning
9600	
19200	
38400	
57600	
115200	

Remarks Open the Serial Port,
Please close the serial port before opening it.

CloseLCD Method

Syntax **CloseLCD** (): uint8

Remarks Close the Serial Port

ShowQrCode Method

Syntax **ShowQrCode** (fileName:string, alignmentX:int8, alignmentY:int8): uint8

Parameter	Description
<i>fileName</i>	File name of bitmap file. Various file formats may be supported, such as bmp, or jpg files.
	Pixel: 192 * 192
<i>alignmentX</i>	Horizontal placement of the bitmap. See values below.
<i>alignmentY</i>	Vertical placement of the bitmap. See values below.

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

Value	Meaning
1	Align the bitmap's left edge with the leftmost pixel of the current character position, as specified by CursorColumn .
2	Align the bitmap in the horizontal center of the current character position, as specified by CursorColumn .
3	Align the bitmap's right edge with the rightmost pixel of the current character position, as specified by CursorColumn .

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

Value	Meaning
1	Align the bitmap's top edge with the topmost pixel of the current character position, as specified by CursorRow .
2	Align the bitmap in the vertical center of the current character position, as specified by CursorRow .
3	Align the bitmap's bottom edge with the bottommost pixel of the current character position, as specified by CursorRow .

Remarks Called to display a bitmap on the LineDisplay. The bitmap is displayed within the current window's viewport.

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

Value	Meaning
0	Success
11	Serial port number is empty
12	Failed to Open Serial port
13	Serial Port Not Opened
14	Failed to connect to device
15	Connecting to device timeout
16	Failed to Enter QRCode mode
17	Failed to Download QRCode
18	Failed to Close QRCode mode
19	The specified file is either not a bitmap file or it is an unsupported format.
20	Failed to Close Serial port
21	The <i>fileName</i> was not found.