4.7.5 OMR_SetBarCodeArea

Prototype	OMR_SetBarCodeArea(OMR_BARCODE_AREA* pAreaArray)	
Procedure	Use the bar code setting command BC to set the bar code scan area.	
Parameters	pAreaArray	Pointer to the array for the structure of the areas to be read. The array is in decimals. (See "Details" for more on the structure or value settings.)
Return Values	TRUE	Successful
	FALSE	Failed

Details	Scan Area Structure
	typedef struct tagOMR_BARCODE_AREA
	{
	        long unread; // excluded area [mm]
	        long read; // included area [mm]
	}OMR_BARCODE_AREA, *POMR_BARCODE_AREA;	

4.7.6 OMR_GetBarCodeArea

Prototype	OMR_GetBarCodeArea(OMR_BARCODE_AREA* pAreaArray)	
Procedure	Use the bar code setting command BC to get the bar code scan area.	
Parameters	pAreaArray	Pointer to the array for the structure of the areas to be read. The array is in decimals. Uses the caller to store this information in memory.
Return Values	TRUE	Successful
	FALSE	Failed

4.7.9 OMR_SetBarCodeCheckDigit

Prototype	OMR_SetBarCodeCheckDigit(CHAR cBcType, int iCdType)	
Procedure	Use the bar code setting command BC to assign a check digit to each bar code type. In the case of an invalid bar code or an invalid setting, a parameter error will occur.	
Parameters	cBcType	Sets the type of bar code to be assigned. (See "Details" for value settings.)
	iCdType	Enables and sets the bar code type for or disables the check digit test. (See "Details" for value settings.)
Return	TRUE	Successful
Values	FALSE	Failed
Details	Bar code types are expressed by the following constants.	

Bar code types are expressed by the following constants.

Name of Constant	Value	Meaning
SR_BARCODE_TYPE_CODE39	'a'	CODE-39
SR_BARCODE_TYPE_ITF	'b'	ITF
SR_BARCODE_TYPE_NW7	'c'	NW-7(Codabar)

Check digit types are expressed by the following constants.
For enabling or disabling the check digit test only:"CODE-39"/"gITF"

Name of Constant	Value	Meaning
SR_BARCODE_CD_INITIAL	SR_INITIAL	Initialize
SR_BARCODE_CD_DISABLE	0	Disable check digit test
SR_BARCODE_CD_ENABLE	1	Enable check digit test

When there is no check digit test or the bar code is of an assignable type: "NW-7"

Name of Constant	Value	Meaning
SR_BARCODE_CD_INITIAL	SR_INITIAL	Initialize
SR_BARCODE_CD_DISABLE	0	Disable check digit test
SR_BARCODE_CD_MODULO16	1	Modulus 16
SR_BARCODE_CD_MODULO11	2	Modulus 11
SR_BARCODE_CD_MODULO10WAIT2	3	Modulus 10/2 wait
SR_BARCODE_CD_MODULO10WAIT3	4	Modulus 10/3 wait
SR_BARCODE_CD_7DR	5	7DR
SR_BARCODE_CD_MODULO11W	6	Weighted Modulus 11
SR_BARCODE_CD_RUNES	7	Runes

4.7.10 OMR_GetBarCodeCheckDigit

Prototype	OMR_GetBarCodeCheckDigit(CHAR cBcType, int* piCdType)	
Procedure	Use the bar code setting command BC to get the assigned check digit for each bar code type. For invalid bar codes or scan settings, a parameter error will occur.	
Parameters	cBcType	Sets the type of bar code to be acquired. (See details of setting functions for values.)
	piCdType	Pointer storing the enabled or disabled status of the check digit test or the type of bar code. (See details of setting functions for values.)
Return	TRUE	Successful
Values	FALSE	Failed

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4.7.7 OMR_SetBarCodeReadType

Prototype	OMR_SetBarCodeReadType(DWORD dwReadType)	
Procedure	Use the bar code setting command BC to designate the type of bar code.	
Parameters	dwReadType	Sets the type of bar code to be read as a 32-bit DWORD type. (See "Details" for bit definitions.)
Return	TRUE	Successful
Values	FALSE	Failed
Details	The types of bar code to be read are expressed by the following constants.	

Name of Constant	Value	Meaning
SR_BARCODE_READ_CODE39	0x00000001	CODE-39
SR_BARCODE_READ_ITF	0x00000002	ITF
SR_BARCODE_READ_NW7	0x00000004	NW-7(Codabar)
SR_BARCODE_READ_JAN_EAN_UPC	0x00000008	JAN/EAN/UPC
SR_BARCODE_READ_CODE128	0x00000010	CODE-128 EAN-128
SR_BARCODE_READ_INDUSTRIAL2OF5	0x00000020	Industrial 2of5
SR_BARCODE_READ_COOP2OF5	0x00000040	COOP 2of5
SR_BARCODE_READ_CODE93	0x00000080	CODE-93

4.7.8 OMR_GetBarCodeReadType

Prototype	OMR_GetBarCodeReadType(DWORD* pdwReadType)	
Procedure	Use the bar code setting command BC to get the type of bar code to be read.	
Parameters	pdwReadType	Displays the type of bar code to be read as a 32-bit DWORD type. (See details of setting functions for bit definitions.)
Return	TRUE	Successful
Values	FALSE	Failed

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4.7.11 OMR_SetBarCodeUpcOption

Prototype	OMR_SetBarCodeOption(CHAR cBcType, DWORD dwOption)	
Procedure	Use the bar code setting command BC to set each bar code. For invalid bar codes or scan settings, a parameter error will occur.	
Parameters	cBcType	Designates the type of bar code to be set. (See "Details" for value settings.)
	dwOption	Detail settings are expressed as 32-bit DWORD values. (See "Details" for value settings.)
Return Values	TRUE	Successful
	FALSE	Failed

Details		

Bar code types are expressed by the following constants.

Name of Constant	Value	Meaning
SR_BARCODE_TYPE_JAN_EAN_UPC	'd'	JAN/EAN/UPC

Detail settings are expressed by the following constants.
  Settings initialization(Can be used alone)

Name of Constant	Value	Meaning
SR_BARCODE_OPT_INITIAL	0xffffffff	Initialize

UPC-A Settings for Number of Output Digits (Either setting OK for JAN/EAN/UPC)

Name of Constant	Value	Meaning
SR_BARCODE_OPT_UPC_12DIGIT	0x00000001	12-digit output
SR_BARCODE_OPT_UPC_13DIGIT	0x00000002	13-digit output

UPC-E System Code Settings (Either setting OK for JAN/EAN/UPC)

Name of Constant	Value	Meaning
SR_BARCODE_OPT_UPC_NO_CODE	0x00000010	Do not affix code
SR_BARCODE_OPT_UPC_ADD_CODE	0x00000020	Affix code

4.7.12 OMR_GetBarCodeUpcOption

Prototype	OMR_GetBarCodeOption(CHAR cBcType, DWORD* pdwOption)	
Procedure	Use the bar code setting command BC to get the UPC output format. For invalid UPCs, a parameter error will occur.	
Parameters	cBcType	Designates the type of bar code to be set. (See "Details" for value settings.)
	pdwOption	
Return Values	TRUE	Successful
	FALSE	Failed

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