



STAR OPOS Control

**Application
Development Guide
For LineDisplay**

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SECTION 1 INTRODUCTION

- 1) This application development guide applies to SCD222U (a peripheral for Star Micronics printers). Please refer to the link below for SCD222U support models.
<https://www.star-m.jp/supported-peripheral-etc.html>
- 2) For details on each API, refer to the Application Programmer's Guide distributed by the OPOS Technology Council.

SECTION 2 PROPERTY LIST

Property	Supporting Status		Remarks
CheckHealthText	✓		
Claimed	✓		
DeviceEnabled	✓		
FreezeEvents	✓		
PowerNotify	✓		
PowerState	✓		
ResultCode	✓		
ResultCodeExtended	✓		
State	✓		
ControlObjectDescription	✓		
ControlObjectVersion	✓		
ServiceObjectDescription	✓	"SMJ SCD222U OPOS LineDisplay ServiceObject"	
ServiceObjectVersion	✓	1013003	
DeviceDescription	✓		
CapBitmap	✓	TRUE	
CapBlink	✓	DISP_CB_NOBLINK	
CapBlinkRate	✓	FALSE	
CapBrightness	✓	TRUE	
CapCompareFirmwareVersion	✓	FALSE	
CapCharacteSet	✓	DISP_CCS_KANJI	
CapCursorType	✓	DISP_CCT_UNDERLINE DISP_CCT_BLINK	
CapCustomGlyph	✓	TRUE	
CapDescriptors	✓	FALSE	
CapHMarquee	✓	FALSE	
CapICharWait	✓	FALSE	
CapMapCharacterSet	✓	FALSE	
CapPowerReporting	✓	OPOS_PR_STANDARD	
CapReadBack	✓	DISP_CRB_NONE	
CapReverse	✓	DISP_CR_NONE	
CapScreenMode	✓	FALSE	
CapVMarquee	✓	FALSE	
BlinkRate	✓	0	
CharacterSet	✓		
CharacterSetList	✓	437,850,852,860,863,865,866,932,936,949,950,1252	
Columns	✓	20	
CurrentWindows	-		
CursorColumn	-		

CursorRow	-		
CursorType	-		
CursorUpdate	✓	FALSE	

SECTION 3 METHOD LIST

Method	Supporting Status	Remarks
Open	✓	
Close	✓	
ClaimDevice	✓	
ReleaseDevice	✓	
CheckHealth	✓	OPOS_CH_INTERACTIVE
CompareFirmwareVersion	-	
DirectIO	-	
ClearDescriptors	-	
ClearText	✓	
CreateWindows	-	
DefineGlyph	✓	
DestroyWindow	-	
DisplayBitmap	✓	The following values cannot be specified for AlignmentX and AlignmentY. DISP_BM_LEFT DISP_BM_CENTER DISP_BM_RIGHT
DisplayText	✓	Attribute supports DISP_DT_NORMAL only.
DisplayTextat	✓	Attribute supports DISP_DT_NORMAL only.
ReadCharacterAtCursor	-	
RefreshWindows	-	
ScrollText	-	
SetBitmap	✓	The following values cannot be specified for AlignmentX and AlignmentY. DISP_BM_LEFT DISP_BM_CENTER DISP_BM_RIGHT
SetDescriptor	-	

SECTION 4 EVENT LIST

Event	Supporting Status	Remarks
DirectIOEvent	-	
StatusUpdateEvent	✓	

Remarks:

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- 2) The contents of this documentation are subject to change without notice.
- 3) We can assume no responsibility for any results which may come out of the usage instructed in this documentation.

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(<https://www.star-m.jp/eng/trademarks.html>)

