

SCANTECH ID				V2.0		
				This command set refers to SG15 ^{plus} firmware version 3.03 and higher.		
COM MAND ESC (1B)16	SUBCOMMAND			DESCRIPTION	PARAMETERS	
	HEX	DEC				
ESC	24	36	\$			
ESC	25	37	%	Clear Display Clear the Display and move the cursor to the topleft position		
ESC	27	39	'	Set Cursor Position Set the cursor position on the display. Note : The actual pixelposition depends on the currently selected font set: Every x-position is a multiple of 8 pixels. Every y-position depends on the currently selected font set (height of 12 or 21 pixels) Pos : 0 - 15 (0x30 - 0x3F) Line : 0 - 4 (0x30 - 0x34)	<POS> 0x30-0x3F	<LINE> 0x30-0x34
ESC	2C	44	,	Set Pixel Position Set the current pixel position on the display. This allows a text to be printed anywhere on the display. Pos : 0 - 127 (0x30 - 0xAF) Line : 0 - 63 (0x30 - 0x6F) Note : A character will only be displayed on the current coordinates if it fully fits on the screen.	<POS> 0x30-0xAF	<LINE> 0x30-0x6F
ESC	2E	46	.	Align a string of text Print a text, using the current font set, on a calculated postion on the screen. <Align> can be one of the following values: 0x30 - Left Top 0x31 - Center Top 0x32 - Right Top 0x33 - Left Center 0x34 - Center Center 0x35 - Right Center 0x36 - Left Bottom 0x37 - Center Bottom 0x38 - Right Bottom 0x39 - Left, using current y-coordinate 0x3A - Center, using current y-coordinate 0x3B - Right, using current y-coordinate 0x3C - Top, using current x-coordinate 0x3D - Center, using current x-coordinate 0x3E - Bottom, using current x-coordinate <Data> This field has a maximum length of 75 characters. Use 0x03 (ETX) as last char, if less characters are used.	<ALIGN> 0x30-0x3E	<DATA> "..." [0x03]

SG-15⁺ Command Set

ESC	40	64	@	Sleep Clear display and Turn off Laser, Motor and Backlight. SG15 ^{plus} keeps functioning as normal.	
ESC	41	65	A	Wake Up Return from sleep	
ESC	42	66	B	Select Font Set The SG15 ^{plus} has 2 internal font sets: 0x30 - Font set 1 (Normal sized font) 0x31 - Font set 2 (Large font)	<FONTSET> 0x30-0x31
ESC	58	88	X	Show GIF Displays a GIF on the screen. GIFs and Text can be combined on one screen. The GIF can either be animated or static. Image#1 is the same image as used for the Idle screen. A displayed image will be cleared after THold seconds (see Manual) GIFs should be uploaded using tftp. Example: Upload file "image.gif" to image position 2: "tftp -i 192.168.3.227 put image.gif /gif2"	<IMAGE> 0x31-0x34.
ESC	5A	90	Z	Reset Soft reset	
ESC	5B	91	[Enable/Disable scanning Enable or disable barcode scanning	<MODE> 0x30=disable 0x31=enable
ESC	5C	92	\	Enable/Disable Backlight The backlight will be turned on or off	<MODE> 0x30=off 0x31=on
ESC	5D	93]	Sleep/Wakeup internal barcode scanner Put the internal barcode scanner into sleep (turn off laser and motor), or wake it up	<MODE> 0x30=sleep 0x31=wakeup
ESC	5E	94	^	Beep The internal speaker will generate the default 'beep'.	
ESC	60	96	`	Get Firmware Version The SG15 ^{plus} returns the current firmware version. Format "SG15Vnn.nn"	
ESC	70	112	p	Reroute Ethernet/WLAN communication Can be used to directly communicate with devices on a serial port. Normally, the data is printed on the display. The SG15 ^{plus} will respond by sending an 'ACK' (0x06) back to the host.	<Destination> 0x30 = Display 0x31 = Ser.Port 1
ESC	7C	124		Only for Exit/Entry Gate Terminal use (special hardware configuration). The galvanic isolated switch will be closed during 500 milliseconds. The physical connection is available at the back of the special SG15. The SG15 ^{plus} will respond by sending an 'ACK' (0x06) back to the host.	