

Technical data

● Typical ○ Possible ■ Standard □ Option

		1.1		1.2			1.3		1.4			1.5						
Label printer		SQUIX 2		SQUIX 4.3		SQUIX 4		SQUIX 6.3		SQUIX 4.3 M		SQUIX 4 M		SQUIX 4.3 MT		SQUIX 4 MT		
Material feed		left-aligned																
Printing method	Thermal transfer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Thermal direct	○	-	●	●	○	-	●	●	●	●	○	-	●	○	-		
Printable resolution	dpi	300	600	203	300	300	600	203	300	203	300	300	600	300	600			
Print speed	up to mm/s	250	150	250	250	300	150	250	250	250	250	300	150	250	300	150		
Print width	up to mm	56.9	54.1	104	108.4	105.7	105.7	168	162.6	104	108.4	105.7	105.7	108.4	105.7	105.7		
Print start	Distance to locating edge	mm		2	2.8	1.2	2	0.5	3.2	centered								
Material																		
Roll, fanfold, reel (reel only with centered devices)	Paper, cardboard, PET, PE, PP, PI, PVC, PU, acrylate, Tyvec	●		●			●		●			●		●				
	Smart Labels	-		●			●		●			○						
	Ready-for-use shrink tubes	-		○			○		○			●						
	Pressed continuous shrink tubes	-		-			-		-			●						
	Textile tapes	-		-			-		-			○						
Labels ¹⁾	Width	mm		4-63		20-116			46-176			4-110		4-110				
	Height without label backfeed ²⁾	from mm		4		4			6			3		4				
	with label backfeed ²⁾	from mm		4		6			12			4		6				
	with label backfeed when dispensing	from mm		6		6			12			6		-				
	Maximum height	mm		2,000														
Carrier material	Thickness	mm		0.03-0.60														
	Width	mm		24-67		24-120			50-180			9-114		9-114				
Continuous material	Thickness	mm		24-67		24-120			50-180			9-114		9-114				
	Weight (cardboard)	up to g/m ²		300														
	Width ready-for-use	up to mm		-		120			-			114		114				
Shrink tubes	Width continuous	mm		-		-			-			4-85		4-85				
	Thickness	up to mm		-		1.1			-			1.1		1.1				
	Outside diameter with core diameter	mm		205 / 38.1-76 180 / 100														
Roll, reel	Winding	outside or inside																
Ribbon³⁾																		
Ink side		outside or inside																
Roll diameter	up to mm	80																
Core diameter	mm	25.4																
Variable length	up to m	450																
Width	mm	25-57		25-114			50-170			25-114		25-114						
Internal rewinder in peel-off version																		
Outside diameter	up to mm	142														-		
Core diameter	mm	38.1-40														-		
Winding		outside																
Printer sizes and weights																		
Width x Height x Depth	mm	200x288x460		252x288x460			312x288x460			252x288x460		252x288x460						
Weight	kg	9		10			14			10		10						
Label sensor with position indication																		
Gap sensor for		labels, punch marks or print marks in transparent materials and end of material																
Reflective sensor from below or top for		print marks in not transparent materials and end of material																
Distance sensor	to locating edge	left-aligned		mm			5-26		5-60			5-60		-		-		
	from center to locating edge	centered		mm			-		-			-		0-55		0-55		
Height of material gap	up to mm	2																
Electronics																		
Processor 32 bit clock rate	MHz	800																
Main storage (RAM)	MB	256																
Data storage (IFFS)	MB	50																
Slot for SD memory card (SDHC, SDXC)	up to GB	512																
Battery for time and date, real-time clock		■																
Data storage when power is off (e.g. serial numbers)		■																
USB WLAN stick 2.4 GHz 802.11b/g/n		■ (included as an extra item in the scope of delivery)																
Interfaces																		
RS232C 1,200 to 230,400 baud/8 bit		■																
USB 2.0 Hi-speed device to connect a PC		■																
Ethernet 10/100 BASE-T		LPD, IPv4, IPv6, RawIP printing, DHCP, HTTP/HTTPS, FTP/FTPS, SMTP, SNMP, TIME, NTP, Zeroconf, SOAP web service, VNC																
1 x USB host at the operation panel for		Service Key or USB memory stick																
1 x USB host at the operation panel for		USB WLAN stick 2.4 GHz 802.11b/g/n																
2 x USB host on the back side for		Service Key, USB memory stick, keyboard, barcode scanner, USB Bluetooth adapter, USB WLAN stick																
WLAN 802.11b/g/n, hotspot or infrastructure mode	GHz	2.4 ■ / 5 □																
Periphery connection USB host, 24 VDC		■																
Digital I/O with 8 inputs and outputs	Peel-off/basic device	■/□																

¹⁾ Limitations may apply to small labels, thin materials or strong adhesives. Critical applications need to be tested.

²⁾ when tearing off, cutting, rewinding

³⁾ The ribbon should at least correspond with the width of the carrier material.

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■ Standard □ Option

Operating data	
Power supply	100-240 VAC, 50/60 Hz, PFC
Power consumption	Standby <10 W / typical 150 W / maximum 300 W
Temperature / Operation	+5 - 40°C / 10 - 85 % not condensing
humidity	Storage 0 - 60°C / 20 - 85 % not condensing
	Transport -25 - 60°C / 20 - 85 % not condensing
Approvals	CE, FCC class A, CB, CCC, c UL
Operation panel	
	Touchscreen LCD color display
Screen diagonal	4.3"
Resolution (Pixel) W x H	272 x 480
Setup options	
Print Labels	Region: Language
Ribbon	Country
Tear-off	Keyboard
Peel-off	Time zone
Cut	Time
Apply	Display: Brightness
Interfaces	Power safe mode
Error	Orientation
	Interpreter
Status bar	
Data reception	Bluetooth
Record data stream	WLAN
Ribbon warning	Ethernet
SD memory card plugged in	USB Slave
USB memory stick plugged in	Time
Monitoring	
Ribbon winding	Print head tension
Ribbon pre-warning	Print head temperature
End of ribbon	Print head open
End of material	Pinch roller open
Periphery error	(with peel-off version and separator)
Test routines	
System diagnostics when	Device is switched on, including print head detection
Display information, status printout, analysis	Fonts list, type overview, WLAN status, label profile, test grid, monitor mode, recording print data on memory card
Status reports	- Printout of system settings, for example print lengths and running times - System status requests via software command - Display information such as network error, missing link, barcode error, periphery error, etc.
Fonts	
Font types	5 bitmap fonts including OCR-A, OCR-B and 3 vector fonts Swiss 721, Swiss 721 Bold, Mono-space 821 are internally provided, TrueType fonts may be stored
Character sets	Windows 1250 bis 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 to -10 and -13 to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, K018-R All West and East European, latin, cyrillic, Greek, Hebrew and Arabic characters, Chinese and Thai are supported.
Bitmap fonts	Size in width and height 1-3 mm Zoom factor 2 to 10 Orientation 0°, 90°, 180°, 270°
Vector/TrueType fonts	Size in width and height 0.9-128 mm Variable zoom Orientation 360° in steps of 1°
Font styles	Bold, italic, underlined, outline, inverse - depending on the font type
Character spacing	Variable or Monospace for fixed character spacings

Graphics	
Graphic elements	Lines, arrows, rectangles, circles, ellipses - filled and filled with fading
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG
Barcodes	
Linear	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C EAN 8, 13 EAN/UCC 128/GS1-128 EAN/UPC Appendix 2 EAN/UPC Appendix 5 FIM HIBC Interleaved 2/5 Ident- and routing code of Deutsche Post Codabar JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0
2D and stacked	DataMatrix DataMatrix Rectangle Extension QR code Micro CR code PDF 417 Micro PDF 417 UPS MaxiCode GS1 DataBar Aztec Codablock F RSS 14 truncated, limited, stacked, stacked omni-directional EAN/GS1 DataMatrix All codes are variable as regards height, modular width and ratio; orientation 0°, 90°, 180°, 270° optional check digit, plain text printout and start/stop code depending on the type of code
Software	
Label software	cablabel S3 Lite cablabel S3 Viewer cablabel S3 Pro cablabel S3 Print
Running also with	CODESOFT NiceLabel EASYLABEL BarTender
Stand-alone operation	
WHQL certified Windows printer drivers for	Windows Vista Server 2008 Windows 7 Server 2008 R2 Windows 8 Server 2012 Windows 8.1 Server 2012 R2 Windows 10 Server 2016
Apple Mac OS X printer drivers	from version 10.6
Linux printer drivers	from CUPS 1.2
Programming	Printer language JScript abc Basic Compiler
Integration	SAP Database Connector
Emulation	ZPL (Data stream has to be tested in advance.)
Administration	Printer control Configuration in Intranet and Internet Network Manager (in preparation)