soabar 6+ Series Specification

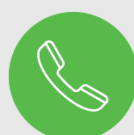| SPECIFICATIONS		6+ Series 4" Width	6+ 5" Width	6+ 6" Width
Print specifications	Printing method	Thermal direct / Thermal transfer		
	Print resolution	300 dpi / 12 dots/mm		
	Print speed	75 – 400 mm/s	75 – 400 mm/s	75 – 350 mm/s
	Print width max.	106 mm	127 mm	160 mm
Label material	Material	Self-adhesive label material from 60 – 160 g/m² Paper and film material: PE, PP, PVC, PA		
	Label roll diameter unwind	Max. 210 mm		
	Core diameter std.	38,1 mm (1.5") 76,2 mm (3")		
	Core diameter opt.	101,6 mm (4")		
	Label width (including backing paper)	15 – 120 mm	50 – 185 mm	
Thermal transfer ribbon	Ink side	Inside or outside		
	Roll diameter	Max. 105 mm		
	Run length	600 m		
	Width	Max. width = max. print width or label width + min. 5 mm		
	Ribbon Save Function	Optional		
Control panel	Monochrome	4-key control panel 128 x 64 dot graphical LC-display with RGB color backlight		
	Touch	4.3" high resolution, full colour TFT touch display with automatic brightness and dimming mode		
	Web interface	For remote control with PC or mobile device via web browser		
Real-time clock	Standard			
Data interfaces	Serial	RS-232, D-Sub 9		
	USB	backside: 2 x USB-A host ports (e.g. for keyboard, scanner, memory stick) 1 x USB-B device port (USB 2.0) frontside: 1 x USB-A host ports (e.g. for keyboard, scanner, memory stick)		
	Ethernet	10/100/1000 Base-T, RJ-45		
Signal interfaces	Optional boards	Basic IO: 24V DC, PNP 3 x M12 connectors for input and output signals		
		Basic USI: 5V or 24V, NPN 4 inputs and 7 outputs		
		8 IO: 24V DC, PNP 2 x M12 pin for additional input and output signals Always in combination with Basic IO or Basic USI		
Fonts, barcodes and graphics	Character sets	17 fonts including OCR-A and OCR-B 3 scalable fonts True Type fonts (also unicoded) supported		
	Character settings for fixed size fonts	Scaling in X/Y direction up to factor 16, rotation 0˚, 90˚, 180˚, 270˚		
	Character settings for scalable fonts	Free scaling in X/Y direction, rotation in 1°steps		
	Barcodes	1- and 2-dimensional barcodes, scalable in 16 widths and heights		
	Graphics formats	BMP, PCX, JPG, TIF, GIF		
Dimensions	H x W x L	330 x 312 x 496 mm	330 x 377 x 496 mm	
	Weight (basic version)	18,6 kg	19,6 kg	
Power supply	Voltage	100 – 240 V AC nominal		
	Frequency	60/50 Hz		
Environmental data	Operating temperature	+5 / +40˚C		
	Humidity	20 – 85 % non-condensing		
	Noise	< 70 dB(A)		
	Protection Class	IP21		
Options	Cutter			
	External rewinder			
	Internal rewinder + dispenser			
	LTMA electrical light touch applicator (air pressure free)			
	WLAN USB for 1:1 wireless connection			
	Remote display			
	Ribbon Save Function			
	Foot switch for Basic IO / Basic USI			
	Reflex-Label Sensor (bottom)			

Free installation
Full onsite installation by our team of trained engineers

Free training
Software and machine training included with all our printers

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A full on site warranty is included with our printers

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On-going support at no extra cost

Technical support
Telephone and remote desktop support by Soabar engineers