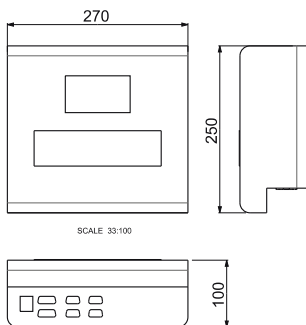




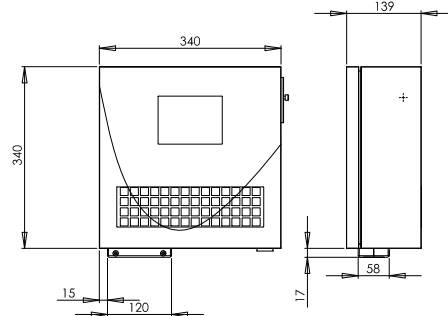
Technical Specification:

Controllers i-Tech	G130i	G230i	G220i	G320i
Print Heads i-Tech				
Max. number of print heads	2	2	4	4
Max. number of print groups	2	2	2	4
Print speed	From 300m/min (984 ft/min at 60 dpi to 30m/min (98 ft/min) at 600 dpi (horizontal resolution)			
Maximum print height	25,4 mm / 1" (2 x 12,7mm)		50,8 mm (2") (4 x 12,7mm)	
Graphics (Monochrome Bitmaps)	-	Yes	Yes	Yes
External Memory	USB		External Compact Flash	
User Interface	Graphical TFT WYSIWYG entry		Graphical LCD, WYSIWYG entry	
Interfaces	-	Ethernet Protocols: Modbus, Dynamark	Ethernet, RS232 Protocols: Modbus, Dynamark	
Control Languages	English, German, French, Czech, Danish, Spanish, Italian, Portuguese, Swedish, Polish, Chinese, Korean, Russian, Hungarian, Dutch, Serbian, Latvian and Turkish.			
Bar codes and 2D codes	-	EAN 8, EAN 13, UPC-A, UPC-E, Code39, EAN128, Code128, ITF14, Interleaved 2/5, Datamatrix GSI-I28		
	-	Extended Barcode Library including many additional barcodes, e.g: QR-Code, GSI DataBar, PPN-Code, PDF417 and many others		
Fonts	Arial, Courier 7, 9, 10, 14, 16, 22, 32, 48, 64, 96pt only		Arial, Courier all sizes, other True Type fonts can be loaded	
Dimensions – Controller	Width: 270mm (10,63") Depth: 100mm (3,93") Length: 250mm (9,84") Weight: 3kg, 6,6lbs		Width: 340mm (13,38") Depth: 340mm (13,38") Length: 139mm (5,47") Weight: 10 kg, 22 lbs	
Standard Print Head	Width: 28,6mm (3,74") Depth: 95 mm (1,13") Length: 222mm (8,74")			
Low Profile Print Head	Width: 56,9mm (2,24") Depth: 50mm (1,97") Length: 152 mm (5,98")			
Print head cable length	5, 10, 25m available			
Inks	Fast drying water and ethanol based inks in various colours (black, red, blue and green)			
Input & Output	4 (NPN/ PNP / 24V) configurable		8 (NPN/ PNP / 24V) configurable	
Digital Inputs	4 (24V) configurable		8 (24V) configurable	
Product Speed Detect	Configurable Inputs/Outputs: e.g, start print (D-top), print direction, ready to print, print busy, alarm, ink cartridge low, cartridge empty, cartridge present			
Product Speed Detect	Shaft Encoder RS422			
G-Series i-Tech Features	e.g, automatic ink detection, ink level sensing on cartridge chip, cartridge present, ink cartridge health check feature			
Range Specifications	Powdered coated steel		Powdered coated steel	
Construction	90 - 264VAC		90 - 264 VAC	
Operating Voltage	47 - 63 Hz		47 - 440 Hz	
Frequency	80 VA		80 VA	
Power	0 - 50°C		0 - 50°C	
Operating Temperature	20 - 80% Non Condensing 10 °C Increase per hour		20 - 80% Non Condensing 10 °C Increase per hour	
Operating Relative Humidity				
IP Rating	30		30	

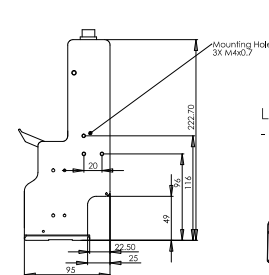
Controller G130/230i



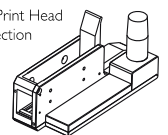
Controller G220/320i



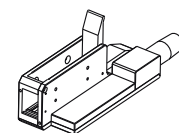
Standard Print Head



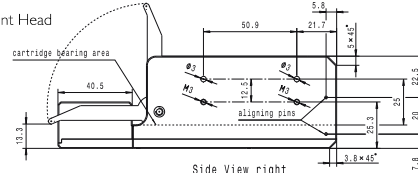
Low Profile Print Head - front connection



Low Profile Print Head - top connection



Low Profile Print Head



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