

## G10+TIJ ON LINE PRINTER TECHNICAL SPECIFICATION

All subject to change without notice

<b>Technology</b>	TIJ2.5 technology		
<b>Material</b>	Aero-grade aluminium alloy		
<b>Touch screen</b>	10 inch Capacitive touch screen (1024*800px)		
<b>Print head</b>	1-4(optional)		
<b>Print head cable</b>	Standard:1.5m, Support customize, max 5m		
<b>Cartridge type</b>	12.7mm (half inch) /25.4mm (1 inch)		
<b>Ink type</b>	Solvent based, water based, UV ink		
<b>Max print height</b>		Using 12.7mm cartridge	Using 25.4mm cartridge
	1 head	12.7mm	25.4mm
	2 heads	25 mm	50 mm
	3 heads	37 mm	75 mm
	4 heads	50 mm	100 mm
<b>Print speed</b>	Fixed data	120m/min at 300*300dpi, grey level 1	
	Variable data	75m/min when print 3 variable data (QR code+counter+time) on business card by paging machine	
<b>External interface</b>	D16-3	1 for power supply	
	D20-24	4 for print head	
	D12-3	1 for sensor	
	D12-4	1 for encoder	
	D12-5	1 for alarm light	
	D12-6	1 for serial port (RS232)	
	USB (3.0)	2	
	USB (2.0)	2	
	Ethernet	1	
<b>External communication</b>	RS232,Ethernet,USB		
<b>Operation Temperature</b>	0-45°C (32-113°F)		
<b>Humidity</b>	20-80% RH		
<b>Resolution</b>	300 dpi		
<b>Grey level</b>	From -2 to 6,TTL 8 levels -2 equal to 300*100dpi and grey level is 1 -1 equal to 300*150dpi and grey level is 1 1 equal to 300*300dpi and grey level is 1 2 equal to 300*300dpi and grey level is 2 3 equal to 300*300dpi and grey level is 3 4 equal to 300*300dpi and grey level is 4 5 equal to 300*300dpi and grey level is 5 6 equal to 300*300dpi and grey level is 6		
<b>Throw distance</b>	2mm-5mm		
<b>Language</b>	Chinese/English/Japanese/Korean/French/German/Italian/Spanish/Portuguese/Thai/Arabic/Persian etc. Can add more		

<b>Print content</b>	Variable data/Date&time /batch No./Shift/QR code/barcode/GS1 Data Matrix /counter/text/logo etc.		
<b>Font</b>	Can be added by yourself, support Windows font		
<b>Photo format</b>	Jpg/png/bmp/css/web		
<b>PC software format</b>	MS excel, ms access, SQL2000,SQL2005,SQL2008		
<b>Data format</b>	xls/.xlsx/.csv/.txt		
<b>Variable data format</b>	Csv/txt/xls/xlsx		
<b>Code</b>	Code39/code128/UPCA/EAN8/EAN13/Data Matrix/EAN14/UPCE/INT25/ITF14/Code93/PDF417/Grid Matrix/Code11/Code39+/Code16k/Code49/Flattermarken/VIN/NVE-18/Micro PDF417/Micro QR code/GS1 DataBar-14/GS1 DataBar-EXP/GS1 DataBar-Ltd/GS1 DataBar-Stack/GS1 DataBar-Stack-Omni/GS1 DataBar-Exp-Stack/GS1 EAN128/GS1-DM/GS1-QRcode/Aztec Code, can be added according.		
<b>Date format</b>	Can be customized by yourself, support Julian year/Julian day		
<b>System of numeration</b>	Binary system/Octal/decimalism/hexadecimal		
<b>Encoder &amp; sensor</b>	Support, recommend 2000 PR encoder		
<b>Protocol</b>	Network port protocol/serial port protocol (RS232)		
<b>Operation system</b>	Android/Linux		
<b>CPU</b>	Quad-core processor 2.0GHz		
<b>Storage capacity</b>	32G EMMC memory card,12G capacity storage for user		
<b>Ink management</b>	Automatically calculates left ink, and how many prints can do. Which for estimating cost.		
<b>Cartridge chip</b>	RFID, Automatically calculate ink consumption and record ink allowance		
<b>Electrical supply</b>	Input: AC100-240V,50/60Hz Output: 32V/3A (single head) or 32V/5A (2-4heads)		
<b>Installation</b>	Vertical printing, horizontal printing		
<b>Size&amp; NW</b>		L/W/H/mm	NW/kg
	Controller	264*172*48	1.95
	Print head	130.7*83.76*27.58	0.37
	Plate for half inch single head	83.76*27.58*7	0.02
	Plate for 1 inch single head	83.76*27.58*7	0.02
	Holder	48*16*45	0.06
	Cube connector	55*25*25	0.06
	Adapter	140*60*40	0.47
	Power supply cable	150*18*18	0.14
	Print head cable	150*18*18	0.25
	Sensor	120*25*250	0.1
	Sensor bracket	46*26*43	0.06
	Aluminium tube 25	250*16*16	0.07
Aluminium tube 37	370*16*16	0.1	
Optional encoder	160*70*65	0.43	
<b>Optional</b>	XY axis adjustable bracket, encoder, alarm light, floor stand bracket etc.		
<b>User management</b>	You can add different users and assign them with different operation rights.		