

Product Specifications



Model	Velocity Vex1/ Vex2	Velocity Vex3/ Vex4
Print Heads Max	1~2	1~4
Max Print Height	12.7mm / 25.4mm	38.1mm / 50.8mm
Material	Aluminium Alloy	

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Display	7-inch HD capacitive screen 1024*600
Operating System	Linux
CPU	Quad Core, 1.8GHz
Storage Capacity	8GB
Print Head Cable	1.5m Standard, Customization : 5m, 10m, 15m, 20m, 25m, 30m
Ink Cartridge	HP2.5 Technology Ink Cartridge
Ink Cartridge Type	Water Based/Solvent Based/UV
Print DPI	Maximum vertical 600DPI (adjustable), Maximum horizontal 600DPI (adjustable)
Print Speed	Maximum Resolution <75 m/min, Maximum Speed >300 m/min
Print Density	The ink output of the selected object can be edited and controlled
Chips of Ink Cartridge	HP original chip, automatically calculates ink usage and records remaining ink volume, adapting to voltage and pulse width of the print head.
Ink Management	Automatically identify the ink model and adjust optimal parameters, estimate the total amount of ink needed to print the current information, and calculate the cost per piece of information.
Multi-language Input	Arabic, Chinese (Simplified and Traditional), Czech, English, French, Finnish, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Persian, Polish, Portuguese, Russian, Spanish, Thai, Turkish, Vietnamese
User Interface Language	Arabic, Chinese (Simplified and Traditional), Czech, English, French, Finnish, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Persian, Polish, Portuguese, Russian, Spanish, Thai, Turkish, Vietnamese
Print Content	Text (multi-language) / Date (customizable date format) / Julian Day / Graphics / Barcode / DM code / QR code / GS1 code / Counter / Serial number (optional base) / Shift / Variable database (text, graphic code)
Supported Font Types	The system comes with fonts, and standard font formats can be installed (printing fonts and interface display fonts)
Date Format	Customizable format
Counter	1-8 bits, can set the number of repetitions, step length, current value, start value and end value, can be associated with I/O port
Supported Database Types	TXT
Graphic Code Type	"Code 39", "Code 93", "Code 128", "Code Bar", "UPC-A", "UPC-E", "ITF14", "EAN8", "EAN13", "EAN14", "QRcode", "Data Matrix", "GS1-code128", "GS1-DMcode", "GS1-QRcode"
External Interface	1 power interface, 1 sensor interface, 1 encoder interface, 1 USB interface (expandable), 1 HDMI interface, 1 Ethernet interface, 1 RS232 interface, 8 I/O communications, 1 UV light, 1-2 or 1-4 print head interface
Input and Output Interface	input x4. output x4
Communication Interface	RS232C, Network Port TCP/IP, PCL etc. Support customer customization to meet the integration needs of system integrators and equipment suppliers
Video Interface	HDMI x1
Encoder	Adapts to single-ended or differential encoders and can set encoder diameter and pulse width parameters. Also supports analogue signal input
Sensor	Suitable for various types of photo eyes, supporting analogue signal input
Operation Management Permissions	Default 3 levels: Not logged in, Administrator, Operator (users can be added and the scope of operation permissions can be customized)
Power Parameters	Input : AC100-240V,50/60Hz / Output : DC24V 2.5A 60W
Work Environment	Temperature: 0-45°C Humidity: 30-80%Rh