



DLU Series UV Laser Printer

DLU series UV laser printer adopts a new intelligent vector control algorithm, the marking speed significantly increased. The unique laser control technology is suitable for more than 90% of packaging material types, and can easily get the best prints on films, hard plastics, metals and other materials. Compact size, low-maintenance, no consumables, and high-quality marking. Permanent and high-contrast prints to ensure product traceability, anti-counterfeiting and anti-channeling.



High Stability

- Brand-new intelligent control algorithm, ensures high quality printing;
Anti-electromagnetic interference design, 24 hours of continuous operation.



Easy Integration

- Compact size, easy integration onto various packaging lines, and suitable for narrow installation space;
Friendly user interface, more convenient operation.



High Efficiency

- Up to 700 CPS;
Can print almost all fonts, barcodes, QR codes, images and graphics;
Widely used in films, cardboard, paper box, glass, PET bottles, etc.



Cost Effective

- MTBF up to 20,000 hours;
No consumables to save operation costs;
Permanent identification to protect brand and make products traceable.



Technical Parameter

Model		DLU500i	DLU1010i
Application		Soft-packaging, HDPE, LDPE, PP, Metal, etc.	
Scan Mode		X & Y axial simultaneous scan	
Marking Mode	Flying Mark	150 m/min	300 m/min
	Static Mark	Multiple products can be marked simultaneously	
Marking Laser	Type	UV Laser	
	Wavelength	355 nm	
	Output	5 W	10 W
Guide Laser		Blue light positioning	
Marking Area/Focal Distance (mm)		70*70/135, 90*90/165, 110*110/218, 130*130/256, 150*150/255, 175*175/305, 200*200/350, 220*220/400, 250*250/435, 300*300/520, 350*350/561, 400*400/573, 450*450/670, 500*500/880, 600*600/1000, 800*800/1250, etc.	
Scan Speed		≤8000mm/s	
Character Type	Fonts	Single/Double font, Dot-matrix font	
	Bar Code	Code39/Code25/EAN-13/Code128, etc	
	QR Code	PDF147/QR CODE/DATAMATRIX	
	Graphic	DXF/PLT format vector image input/output	
Marking Condition	Marking Status	Operation, Ready, Error status	
	Character Size	0.1 mm–Max. marking area	
Input/Output		Two-way input/Three-way Output, can be customized.	
Connection		SD card/USB 2.0/Communication interface	
Installation Direction		Arbitrary direction	
Cooling		Water cooling	
Power & Temp.	Power Supply	100–220 V AC, 50–60 Hz	
	Power	600 W	
	Temp.	10–30 °C	
	Humidity	10%–90% (non-condensation)	
IP Rate		IP54, IP65 optional	
Dimension (mm)		Laser body: 599×185×146; Controller: 305×207×56; Water cooler: 580×290×470.	

Note: Marking speed depends on packaging material and print content.