

Dazz3D Industrial Grade DLP D100 — Detailed Datasheet

1. Overview & Positioning

Model	D100
Technology	DLP (Digital Light Processing)
Target Use	Highprecision manufacturing, especially jewelry industry
Key Strengths	Delicate detail, smooth surface finishes

2. Technical Specifications

Parameter	Value / Range	Notes / Comments
Print Technology	DLP (Digital Light Processing)	
XY Resolution	Not specified	
Z (Layer) Resolution	Not specified	
Build Volume	Not specified	
Print Speed	Not specified	
Light Source	Not specified	
Supported Materials	Jewelry / fine-detail resins	
Software / Slicer	Compatible with resin slicer tools	

3. Performance & Application Notes

The D100 emphasizes delicate detail and smooth surface printing, ideal for jewelry molds, small models, and precision parts. Because DLP projects an entire layer at once, it can reduce layer misalignment and achieve better consistency. Surface finish quality depends on resin type, exposure settings, and postprocessing (wash and cure) conditions.

4. Comparative / Contextual Data

Model	Printer Type	XY Resolution	Z Resolution	Build Volume	Print Speed
L120 / LCD	LCD / MSLA	0.047 mm	0.01 mm	120×68×150 mm	12–36 mm/h
D100 (DLP)	DLP	Unknown	Unknown	Unknown	Unknown

5. Use Cases & Recommendations

- Jewelry casting / mold making — where extreme detail is required.
- Prototyping of small precision parts — high surface smoothness.
- High-end modeling and collectible production — for aesthetic finish.
- Use resins designed for DLP light wavelengths.

- Calibrate for exposure time, layer thickness, and resin viscosity for best performance.