UnionTech

Create Your Imagination

UnionTech Cute300

Large Build Envelope & High Efficiency

4K DLP 3D Printer

▷ Industrial 4K optical engine
   Uniformity of the entire build envelope exceeds 99%.

▷ High precision
   Excellent printing performs realistic details
   and fine surface quality.

▷ Resin vat with replaceable film
   Working cost is lowered in favor of customers.

▷ Quiet working environment
   Small peeling force enables the printer to work quietly.

▷ Semi-automatic power correction
   Site installation is convenient to engineers.

▷ Automatic working mode
   No operators are needed at site during the mode.

Technical Data

Specification	Unit	Value
Build envelope	mm	249.6 x 140.4 x 240
	in	9.83 x 5.53 x 9.45
Printing speed	mm/hr	20 (0.1 mm/layer)
Accuracy	µm	±50 (>80%)
Elevator positioning accuracy	µm	≤±3
Layer thickness	mm	0.05 / 0.1
Resolution		3840 x 2160
Light source		UV LED
Optical power	W	4 (typical)
Pixel size	µm/pix	65
Wavelength	nm	405
Customer input file format		stl /.obj /.off / .ply / .3mf
Data pre-processing		Polydevs Pro / DLP
Printer controlling		DSCON
Operating system		Windows 10
Touch screen size		10.1
Data transfer interface	in	USB / Ethernet
Power supply		110 / 220 VAC, 50 / 60 Hz
Rated power	w	800
Temperature range	°C / °F	22-26 / 72-79
Max temperature change rate	°C/hr	1
Relative humidity	%	<40
Printer size unpacked	mm	600 x 510 x 1450
Printer weight unpacked	kg	122
CE certificate		Yes

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